





No. 81½



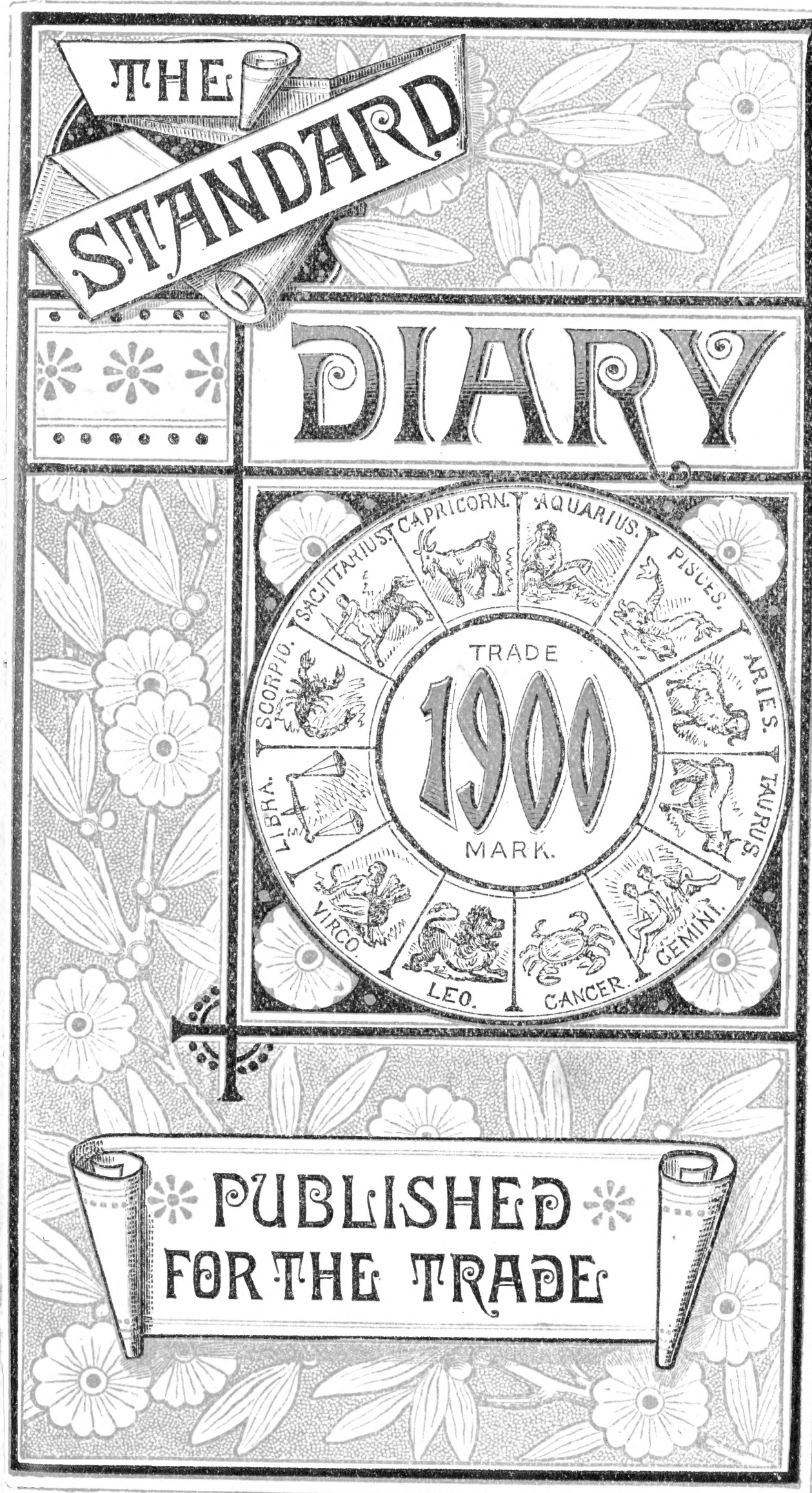
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 78  
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49  
147  
245  
171-50





# FOR IDENTIFICATION.

My Name and Address is Lernhard Stejneger  
U.S. National Museum, Smith-  
son Inst. Washington D.C.

In case of accident or serious illness please notify Mrs.  
L. Stejneger, Brooklands, D.C.  
or Harry W. Scofield, Agent  
Standard Accid. Ins. Co., 1320 F. St.  
N.W. Washington, D.C.

## THINGS TO BE REMEMBERED.

The make of my Bicycle is.....

The number of my acc. ins. policy 921885

The number on the case of my Watch is 4753, 5829, 8137

The number of the works is.....

The number of my Bank Book is.....

My Weight was.....

On.....

and my Height 7 feet..... inches

Size of my Hat 7 1/4..... Gloves.....

" Hosiery..... Collar 15 1/2

" Cuffs 10..... Shoes 8-4

" Shirt..... Drawers.....

# CALENDAR. 1900

	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
JAN.	..	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	31	..	..	..
FEB.	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	..	..	..
MAR.	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	31	..	..	..	..
APRIL.	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	..	..	..	..	..
MAY.	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31	..	..
	..	..	..	..	1	2	..
JUNE.	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
DECEMBER.	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	31	..	..	..	..
JULY.	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	31	..	..	..	..
AUG.	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	31	..
SEPT.	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	..	..	..	..	..	..
OCT.	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	31	..	..	..
NOV.	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	..
	..	..	..	..	..	1	..
DEC.	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	31	..	..	..	..	..



## RATES OF POSTAGE.

POSTAL CARDS, 1 cent each, go without further charge to all parts of the United States, Canada and Mexico. "Reply Postal Cards," with card attached for paid reply, 2 cents each. Cards for foreign countries (within the Postal Union) 2 cents each.

LETTERS, to all parts of the United States, Canada and Mexico, 2 cents for each ounce or fraction thereof. LOCAL, or "DROP" LETTERS, that is, for the city or town where deposited, 2 cents where the carrier system is adopted, and 1 cent where there is no carrier system.

LETTERS and all other written matter, whether sealed or unsealed, and all other matter sealed, nailed, sewed, tied, or fastened in any manner so that it cannot be easily examined, 2 cents for each ounce or fraction thereof.

NEWSPAPERS AND PERIODICALS (regular publications) can be mailed by the public at the rate of 1 cent for each 4 ounces or fraction thereof. Publishers and news-agents only, 1 cent per pound.

PRINTED MATTER, in unsealed wrappers only (all matter inclosed in notched envelopes must pay letter rates), 1 cent for each 2 ounces or fraction thereof, which must be fully prepaid. Limit of weight 4 lbs., except for a single book, which may weigh more.

ALL MAILABLE MATTER not included in the above, which is so prepared for mailing as to be easily withdrawn from the wrapper and examined, 1 cent per ounce or fraction thereof. Limit of weight 4 lbs. Full prepayment compulsory.

REFORWARDING.—Letters will be forwarded from one post office to another upon the *written* request of the *person addressed*, without additional charge; but unclaimed packages *cannot be returned to the sender* until stamps are furnished to pay the return postage.

REGISTRATION.—Letters or packages can be registered by *adding* stamps to the amount of 8 cents to the regular rate.

SPECIAL DELIVERY STAMPS, at 10 cents each, used in *addition* to regular rates, insures delivery immediately on arrival at office of destination. *These stamps can be used for no other purpose.*

MONEY ORDERS.—For Orders not exceeding \$2.50, three cents; over \$2.50 and not exceeding \$5, five cents; over \$5 and not exceeding \$10, eight cents; over \$10 and not exceeding \$20, ten cents; over \$20 and not exceeding \$30, twelve cents; over \$30 and not exceeding \$40, fifteen cents; over \$40 and not exceeding \$50, eighteen cents; over \$50 and not exceeding \$60, twenty cents; over \$60 and not exceeding \$75, twenty-five cents; over \$75 and not exceeding \$100, thirty cents.

FOREIGN POSTAGE.—The rates for LETTERS are for the half ounce or fraction thereof, and those for NEWSPAPERS for 2 ounces or fraction thereof.

To Great Britain and Ireland, France, Spain, all parts of Germany, including Austria, Denmark, Switzerland, Italy, Russia, Norway, Sweden, Turkey (European and Asiatic), Egypt, letters 5 cents, newspapers 1 cent for each 2 ounces or fraction thereof.

To Australia, letters via San Francisco, 5 cents; via Brindisi, 5 cents; newspapers, via San Francisco, 1 cent for 2 ounces; via Brindisi, 1 cent for 2 ounces. China, letters, via San Francisco, 5 cents; via Brindisi, 10 cents; newspapers, 2 cents for each 2 ounces. British India, Italian mail, letters 5 cents; newspapers, 1 cent for 2 ounces. Japan, letters, via San Francisco, 5 cents; newspapers, 1 cent for 2 ounces.

A war tax of two cents is added to each fee for Money Orders.

## SUMMARY OF STAMP TAXES.

In Effect July 1, 1898.

<b>Stocks, Bonds, Debentures, Certificates of Indebtedness</b> , issued after July 1, 1898, per \$100 face value	.05
<b>Transfers of Stock</b> , per \$100 face value	.02
<b>Sales of Merchandise</b> , for present or future delivery on exchanges, per \$100	.01
<b>Bank Check or Sight Draft</b> , Promissory Note and Time Draft, Bills of Exchange, (inland), Money Orders, for each \$100	.02
<b>Bills of Exchange</b> (foreign), Letter of Credit, drawn singly per \$100	.04
In sets of two or more, for each bill	.02
<b>Bill of Lading or Receipt</b> for any goods to be exported	.10
<b>Bill of Lading</b> to be issued by express and transportation companies, per package	.01
<b>Telephone Messages</b> , charged at 15 cts. or over	.01
<b>Surety Bonds</b>	.50
<b>Certificates of Profit</b> , memo. showing interest in corporation, or transfers of same, per \$100 face value	.02
<b>Certificate of Damage</b> , and certificates of port wardens or marine surveyors	.25
Other certificates not specified	.10
<b>Charter Party</b> , per vessel of 300 tons	3.00
Between 300 and 600 tons	5.00
Exceeding 600 tons	10.00
<b>Contract</b> , brokers' notes of sale or exchange of goods, stocks, bonds, notes, real estate, &c.	.10
<b>Conveyances</b> , value between \$100 and \$500	.50
For each additional \$500	.50
<b>Telegraph Messages</b>	.01
<b>Custom House Entry</b> , not over \$100	.25
Between \$100 and \$500	.50
Over \$500	1.00
<b>Custom House Entry</b> , for withdrawal	.50
<b>Insurance</b> (life), for each \$100 of policy	.08
<b>Insurance</b> (marine, inland, fire, casualty, fidelity, guarantee), on each dollar of premium charged	.005
<b>Leases</b> , — For one year	.25
Between one and three years	.50
Over three years	1.00
<b>Manifest</b> for custom house entry, or <b>Clearance</b> for foreign port, per ship of 300 tons	1.00
Between 300 and 600 tons	3.00
Exceeding 600 tons	5.00
<b>Mortgage</b> , between \$1,000 and \$1,500	.25
For each \$500 additional	.25
<b>Passage ticket to foreign port</b> , costing not over \$30	1.00
Between \$30 and \$60	3.00
Over \$60	5.00
<b>Power of attorney</b> , to vote	.10
To sell, rent or collect, to transfer stock or bonds	.25
<b>Protests</b> of notes and drafts	.25
<b>Warehouse receipts</b>	.25



## WEIGHTS AND MEASURES.

### MEASURE OF LENGTH.

4	In.	make 1 Hand.	3	Feet	make 1 Yard.
7.92	In.	" 1 Link.	5½	Yds.	" 1 Rod or Pole
18	In.	" 1 Cubit.	40	Poles	" 1 Furlong.
12	In.	" 1 Foot.	8	Fur.	" 1 Mile.
6	Ft.	" 1 Fathom.	69	1-6 Miles	make 1 Degree.
60 Geographical Miles make 1 Degree.					
1760 Yards } = 1 Mile.					
5280 Feet }					

### MEASURE OF SURFACE.

144	Square Inches	make 1 Square Foot.
9	Square Feet	" 1 Square Yard.
30½	Square Yards	" 1 Rod, Perch or Pole.
40	Square Rods	" 1 Square Rood.
4	Square Roods	" 1 Square Acre.
10	Square Chains	" 1 Square Acre.
640	Square Acres	" 1 Square Mile.
Gunter's Chain equal to 22 Yards or 100 Links.		
272½	Square Feet	make 1 Square Rod.
43,560	Square Feet	" 1 Acre.

### MEASURE OF SOLIDITY.

1728	Cubic Inches	make 1 Cubic Foot.
27	Cubic Feet	" 1 Cubic Yard.

### AVOIRDUPOIS WEIGHT.

27½	Grains	make 1 Drachm (dr.) or 27½ Grains.
16	Drachms	" 1 Ounce (oz.) or 437½ "
16	Ounces	" 1 Pound (lb.) or 7000 "
28	Pounds	" 1 Quarter (qr.)
4	Quarters	" 1 Hundred-Weight (cwt.)
20	Cwts.	" 1 Ton.
2240	Pounds	" 1 Ton.

### TROY WEIGHT.

24	Grains	make 1 Pennyweight, or 24 Grains.
20	Pennywts.	" 1 Ounce, or 480 "
12	Ounces	" 1 Pound, or 5760 "

### APOTHECARIES' WEIGHT.

20	Grains	make 1 Scruple.	8	Drachms	make 1 Ounce.
3	Scruples	" 1 Drachm.	12	Ounces	" 1 Pound.

### DIAMOND WEIGHT.

16	Parts	make 1 Grain (4-5ths Grain Troy.)
4	Grains	" 1 Carat (3 1-5th Grains Troy.)

### LIQUID MEASURE.

4	Gills	make 1 Pint.	31½	Gallons	make 1 Barrel.
2	Pints	" 1 Quart.	54	Gallons	" 1 Hhd.
4	Quarts	" 1 Gallon.	252	Gallons	" 1 Tun.

### DRY MEASURE.

8	Quarts	make 1 Peck.	8	Bushels	make 1 Quarter
4	Pecks	" 1 Bushel.	36	Bushels	" 1 Chaldron.
1 Bushel equal to 2150.42 cubic inches.					

## WEIGHT PER BUSHEL OF GRAIN, ETC.

The following Table shows the number of pounds per bushel required, by law or custom, in the sale of articles specified, in the several States of the Union.

STATES.	Barley.	Buckwheat.	Coal.	Corn, sh'd	Corn Meal.	Onions.	Oats.	Potatoes.	Rye.	Wheat.	Salt.	Turnips.	Beans, wh.	Clover S'd.	Timothy.
Maine.....	48	48	..	56	50	52	30	60	..	60	..	50	64	..	..
N. Hampshire.....	..	..	..	56	50	..	30	60	56	60	..	..	60	..	..
Vermont.....	48	48	..	..	..	..	32	60	56	60	70	..	64	60	42
Massachusetts.....	48	48	..	56	50	52	32	60	56	60	..	..	..	..	..
Connecticut.....	..	45	..	56	..	..	32	60	56	56	..	..	..	..	..
New York.....	48	48	..	58	..	..	32	60	56	60	..	..	62	60	44
New Jersey.....	48	50	..	56	..	..	30	60	56	60	..	..	64	..	..
Pennsylvania.....	47	48	..	56	..	..	30	56	56	60	85	..	62	..	..
Delaware.....	..	..	..	56	..	..	..	..	..	60	..	..	..	..	..
Maryland.....	48	48	..	56	..	57	32	60	56	60	56	..	62	64	45
Dist. Columbia.....	47	48	..	56	48	57	32	56	56	60	50	55	62	60	45
Virginia.....	48	48	..	56	50	..	32	60	56	60	..	56	60	64	45
West Virginia.....	48	52	80	56	48	..	32	60	56	60	..	60	60	60	45
North Carolina.....	48	50	..	54	46	..	30	..	56	60	..	..	64	..	..
South Carolina.....	48	56	80	56	50	57	33	60	56	60	50	..	60	60	..
Georgia.....	40	..	80	56	48	57	35	56	..	60	56	..	60	45	..
Louisiana.....	32	..	..	56	..	..	32	..	..	60	..	..	..	..	..
Arkansas.....	48	52	80	56	50	57	32	60	56	60	50	..	60	60	45
Tennessee.....	48	50	..	56	50	56	32	60	56	60	..	..	60	..	45
Kentucky.....	48	52	..	56	50	57	33	56	56	60	50	..	60	60	45
Ohio.....	48	50	..	56	..	..	32	60	56	60	..	..	60	60	45
Michigan.....	48	48	80	56	..	54	32	60	56	60	56	58	60	60	45
Indiana.....	48	50	70	56	50	48	32	60	56	60	50	..	60	60	..
Illinois.....	48	52	..	56	48	57	32	60	56	60	50	..	60	60	..
Wisconsin.....	48	50	..	56	..	..	32	60	56	60	..	..	60	..	..
Minnesota.....	48	42	..	56	..	..	32	60	56	60	..	..	60	..	..
Iowa.....	48	52	..	56	..	57	33	60	56	60	50	..	60	60	45
Missouri.....	48	52	..	56	..	57	32	60	56	60	50	..	60	60	45
Kansas.....	50	50	..	56	50	57	32	60	56	60	50	55	60	..	45
Nebraska.....	48	52	..	56	50	57	34	60	56	60	50	55	60	60	45
California.....	50	40	..	52	..	..	32	..	54	60	..	..	..	..	..
Oregon.....	46	42	..	56	..	..	36	60	56	60	..	..	60	..	..



## HELP! In case of Accidents.

**Drowning.** 1. Loosen clothing, if any. 2. Empty Lungs of water by laying body on its stomach and lifting it by the middle so that the head hangs down. Jerk the body a few times. 3. Pull tongue forward, using handkerchief, or pin with string, if necessary. 4. Imitate motion of respiration by alternately compressing and expanding the lower ribs, about twenty times a minute. Alternately raising and lowering the arms from the sides up above the head will stimulate the action of the lungs. Let it be done gently but persistently. 5. Apply warmth and friction to extremities. 6. By holding tongue forward, closing the nostrils and pressing the "Adam's apple" back, (so as to close entrance to stomach), direct inflation may be tried. Take a deep breath and breathe it forcibly into the mouth of patient, compress the chest to expel the air, and repeat the operation. 7. DON'T GIVE UP! People have been saved after HOURS of patient, vigorous effort. 8. When breathing begins, get patient into a warm bed, give WARM drinks, or spirits in teaspoonfuls, fresh air and quiet.

**Burns and Scalds.** Cover with Cooking Soda and lay wet cloths over it. Whites of Eggs and Olive Oil. Olive or Linseed Oil, plain, or mixed with Chalk or Whiting.

**Lightning.** Dash cold water over a person struck.

**Sunstroke.** Loosen clothing. Get patient into shade, and apply ice-cold water to head.

**Mad Dog or Snake Bite.** Tie cord tight above wound. Suck the wound and cauterize with caustic or white-hot iron at once, or cut out adjoining parts with a sharp knife.

**Venomous Insects Stings, &c.** Apply weak Ammonia, Oil, Salt Water, or Iodine.

**Fainting.** Place flat on back; allow fresh air, and sprinkle with water.

**Tests of Death.** Hold mirror to mouth. If living, moisture will gather. Push pin into flesh. If dead the hole will remain, if alive it will close up.

**Cinders in the Eye.** Roll soft paper up like a lamp lighter and wet the tip to remove, or use a medicine dropper to draw it out. Rub the *other* eye.

**Fire in one's Clothing.** *Don't run*, — especially not down stairs or out of doors. Roll on carpet, or wrap in woolen rug or blanket. Keep the head down, so as not to inhale flame.

**Fire in a Building.** Crawl on the floor. The clearest air is the lowest in the room. Cover head with a woolen wrap, wet if possible. Cut holes for the eyes. Don't get excited.

**Fire in Kerosene.** *Don't use water*, it will spread the flames. Dirt, sand or flour is the best extinguisher; or smother with woolen rug, table-cloth or carpet.

**Suffocation from inhaling Burning-Gas.** Get into the fresh air as soon as possible and lie down. Keep warm. Take Ammonia, — twenty drops to a tumbler of water, at frequent intervals.

## ANTIDOTES FOR POISONS.

**First.** Send for a Physician.

**Second.** INDUCE VOMITING, by tickling throat with feather or finger. Drinking hot water or strong Mustard and water. Swallow Sweet Oil or whites of Eggs.

**Acids** are antidotes for ALKALIES, and *vice versa*.

### SPECIAL POISONS AND ANTIDOTES.

**Acids.** MURIATIC, OXALIC. }  
ACETIC. SULPHURIC (Oil of Vit- } Soap-suds, Magnesia, Lime-water.  
riol). NITRIC (Aqua Fortis).

**Prussic Acid.** Ammonia in water. Dash water in face.

**Carbolic Acid.** Flour and water, mucilaginous drinks.

**Alkalies.** POTASH. LYE. }  
HARTSHORN. AMMONIA. } Vinegar or Lemon juice in water.

**Arsenic.** }  
**Rat Poison.** } Milk, raw Eggs, Sweet Oil, Lime-water, Flour  
**Paris Green.** } and water.

**Bug Poison.** }  
**Lead.** }  
**Saltpetre.** } Whites of Eggs or Milk in large doses.  
**Corrosive Sublimate.** }  
**Sugar of Lead.** }  
**Blue Vitriol.** }

**Chloroform.** }  
**Chloral.** } Dash cold water on head and chest. Artificial  
**Ether.** } respiration. Piece of ice in rectum.

**Carbonate of Soda.** }  
**Copperas.** } Soap-suds and mucilaginous drinks.  
**Cobalt.** }

**Iodine.** }  
**Antimony.** } Starch and water. Astringent infusions.  
**Tartar Emetic.** } Strong tea.

**Mercury AND ITS SALTS.** Whites of Eggs. Milk. Mucilages.

**Nitrate of Silver.** }  
**Lunar Caustic.** } Salt and water.

**Opium.** }  
**Morphine.** }  
**Laudanum.** } Strong coffee, hot bath. Keep awake and  
**Paregoric.** } moving at any cost.  
**Soothing Powders** }  
**or Syrups.** }

**Strychnine.** }  
**Tinct. of Nux Vomica.** } Mustard and water, Sulphate of Zinc.  
Absolute quiet. Plug the ears.



# RATE OF INCOME ON STOCKS.

Purchased at the following prices, (par value being \$100),  
and bearing interest at the following rates.

Paid.	3%	4%	5%	6%	7%	8%	9%	10%
\$50	6 00	8 00	10 00	12 00	14 00	16 00	18 00	20 00
55	5 45	7 27	9 09	10 90	12 72	14 55	16 36	18 18
60	5 00	6 67	8 33	10 00	11 66	13 33	15 00	16 66
65	4 62	6 15	7 69	9 23	10 76	12 30	13 85	15 38
70	4 28	5 71	7 14	8 57	10 00	11 42	12 85	14 28
75	4 00	5 33	6 66	8 00	9 33	10 66	12 00	13 35
80	3 75	5 00	6 25	7 50	8 75	10 00	11 25	12 50
85	3 53	4 70	5 88	7 05	8 23	9 41	10 58	11 76
90	3 33	4 44	5 55	6 66	7 77	8 88	10 00	11 11
91	3 30	4 40	5 49	6 59	7 69	8 79	9 89	10 99
92	3 26	4 34	5 43	6 52	7 60	8 70	9 78	10 87
93	3 23	4 30	5 38	6 45	7 53	8 60	9 68	10 75
94	3 19	4 26	5 32	6 38	7 45	8 51	9 57	10 64
95	3 15	4 21	5 26	6 31	7 36	8 42	9 47	10 52
96	3 13	4 17	5 21	6 25	7 29	8 33	9 38	10 42
97	3 09	4 12	5 15	6 18	7 22	8 25	9 28	10 30
98	3 06	4 08	5 10	6 12	7 14	8 16	9 18	10 20
99	3 03	4 04	5 05	6 06	7 07	8 08	9 09	10 10
101	2 97	3 96	4 95	5 94	6 93	7 92	8 91	9 90
102	2 94	3 92	4 90	5 88	6 86	7 84	8 82	9 80
103	2 91	3 88	4 85	5 83	6 80	7 77	8 74	9 71
104	2 88	3 85	4 81	5 77	6 73	7 69	8 65	9 62
105	2 86	3 80	4 76	5 71	6 66	7 61	8 57	9 52
106	2 83	3 77	4 72	5 66	6 60	7 55	8 49	9 43
107	2 80	3 74	4 67	5 61	6 54	7 48	8 41	9 35
108	2 78	3 70	4 63	5 56	6 48	7 41	8 33	9 26
109	2 75	3 67	4 59	5 50	6 42	7 34	8 26	9 17
110	2 72	3 63	4 54	5 45	6 36	7 27	8 18	9 09
115	2 60	3 48	4 34	5 21	6 08	6 95	7 83	8 69
120	2 50	3 33	4 16	5 00	5 83	6 66	7 50	8 33
130	2 30	3 07	3 84	4 61	5 38	6 15	6 92	7 69
140	2 14	2 86	3 57	4 28	5 00	5 71	6 43	7 14
150	2 00	2 67	3 33	4 00	4 66	5 33	6 00	6 66
160	1 88	2 50	3 12	3 75	4 38	5 00	5 62	6 25
170	"	"	"	3 53	4 12	4 70	5 29	5 88
180	"	"	"	3 33	3 88	4 44	5 00	5 55
190	"	"	"	3 16	3 68	4 21	4 74	5 26
200	"	"	"	3 00	3 50	4 00	4 50	5 00

## PRESIDENTS OF THE UNITED STATES.

NAMES.	Born.	Inaugurated.	Term of Office.	Died.	Native of	Residence when elected.	Political Party.
1 GEORGE WASHINGTON	Feb. 22, 1732	April 30, 1789	8 years.....	Dec. 14, 1799	Virginia.	Virginia.	Federal.
2 JOHN ADAMS.....	Oct. 31, 1735	Mar. 4, 1797	4 " " " " " "	July 4, 1826	Mass.	Mass.	"
3 THOMAS JEFFERSON..	April 2, 1743	" 4, 1801	8 " " " " " "	" 4, 1826	Virginia.	Virginia.	Republican.
4 JAMES MADISON.....	Mar. 16, 1751	" 4, 1809	8 " " " " " "	June 28, 1836	"	"	"
5 JAMES MONROE.....	April 28, 1758	" 4, 1817	8 " " " " " "	July 4, 1831	Mass.	Mass.	Coalition.
6 JOHN QUINCY ADAMS.	July 11, 1767	" 4, 1825	4 " " " " " "	Feb. 23, 1848	Tennessee.	Tennessee.	Democrat.
7 ANDREW JACKSON ...	Mar. 15, 1767	" 4, 1829	8 " " " " " "	June 8, 1845	New York.	New York.	"
8 MARTIN VAN BUREN.	Dec. 5, 1782	" 4, 1837	4 " " " " " "	July 24, 1862	Ohio.	Ohio.	Whig.
9 WM. H. HARRISON ...	Feb. 9, 1773	" 4, 1841	1 month.....	April 4, 1841	Virginia.	Virginia.	"
10 JOHN TYLER.....	Mar. 29, 1790	April 6, 1841	3 yrs. 11 mos.	Jan. 18, 1862	"	Tennessee.	Democrat.
11 JAMES K. POLK.....	Nov. 2, 1795	Mar. 4, 1845	4 years.....	June 15, 1849	N. Carolina.	Tennessee.	Whig.
12 ZACHARY TAYLOR....	Sept. 24, 1784	" 4, 1849	1 year 4 mos..	July 9, 1850	Virginia.	Louisiana.	"
13 MILLARD FILLMORE..	Feb. 7, 1800	July 9, 1850	2 years 8 mos.	Mar. 7, 1874	New York.	New York.	Democrat.
14 FRANKLIN PIERCE....	Nov. 23, 1804	Mar. 4, 1853	4 years.....	Oct. 8, 1869	N. Hamp.	N. Hamp.	"
15 JAMES BUCHANAN....	April 23, 1791	" 4, 1857	4 " " " " " "	June 1, 1868	Penn.	Penn.	Republican.
16 ABRAHAM LINCOLN...	Feb. 12, 1809	" 4, 1861	4 yrs. 40 days.	April 15, 1865	Kentucky.	Illinois.	"
17 ANDREW JOHNSON....	Dec. 29, 1808	April 15, 1865	3 yrs. 10½ mos.	July 31, 1875	N. Carolina.	Tennessee.	"
18 ULYSSES S. GRANT...	April 27, 1822	Mar. 4, 1869	8 years.....	July 23, 1885	Ohio.	Illinois.	"
19 RUTHERF'D B. HAYES	Oct. 4, 1822	" 5, 1877	4 " " " " " "	Jan. 17, 1893	"	Ohio.	"
20 JAMES A. GARFIELD..	Nov. 19, 1831	" 4, 1881	6½ months....	Sept. 19, 1881	Vermont.	New York.	Democrat.
21 CHESTER A. ARTHUR..	Oct. 5, 1830	Sept. 20, 1881	3 yrs. 5½ mos.	Nov. 18, 1886	New Jersey.	"	Republican.
22 GROVER CLEVELAND..	Mar. 18, 1837	Mar. 4, 1885	4 years.....	" " " " " "	Ohio.	Indiana.	Democrat.
23 BENJAMIN HARRISON.	Aug. 20, 1833	" 4, 1889	4 " " " " "	" " " " " "	New Jersey.	New York.	Republican.
24 GROVER CLEVELAND..	Mar. 18, 1837	" 4, 1893	4 " " " " "	" " " " " "	Ohio.	Ohio.	"
25 WILLIAM MCKINLEY.	Jan. 29, 1843	" 4, 1897	" " " " " "	" " " " " "	"	"	"



## LEGAL HOLIDAYS.

In most of the States when the holiday falls on Sunday the Monday following is the holiday.

ALABAMA—Jan. 1, Feb. 22, Mardi-Gras, Good Friday, April 26, July 4, 1st Monday in Sept., Dec. 25.  
 ARIZONA—Jan. 1, Feb. 22, May 30, July 4, Dec. 25, any day of Thanksgiving or general election.  
 CALIFORNIA—Jan. 1, Feb. 22, May 30, July 4, Sept. 9, 1st Mon. in Oct., Thanksgiving, Dec. 25, general election.  
 COLORADO—Jan. 1, Feb. 22, May 30, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, Arbor Day, general election.  
 CONNECTICUT—Jan. 1, Feb. 12, Feb. 22, Fast day, May 30, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25.  
 DELAWARE—Jan. 1, Feb. 22, May 30, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25.  
 DISTRICT OF COLUMBIA—Jan. 1, Feb. 22, Mar. 4, May 30, July 4, 1st Mon. in Sept., Thanksgiving day, Dec. 25.  
 FLORIDA—Jan. 1 and 19, Feb. 7, Feb. 22, April 26, June 3, July 4, 1st Mon. in Sept., Thanksgiving, Dec. 25, general election.  
 GEORGIA—Jan. 1 and 19, Feb. 22, April 26, June 3, July 4, 1st Monday in Sept., any Thanksgiving, 1st Friday in Dec., Dec. 25.  
 IDAHO—Same as Arizona. Also Friday after May 1.  
 ILLINOIS—Jan. 1, Feb. 12 and 22, May 30, July 4, 1st Mon. in Sept. Election Day, Thanksgiving, Dec. 25.  
 INDIANA—Jan. 1, Feb. 22, public fast, May 30, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, general election.  
 IOWA—Jan. 1, May 30, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, general election.  
 KANSAS—Jan. 1, May 30, public fast, July 4, 1st Monday in Sept., Arbor Day, Thanksgiving, Dec. 25, general election.  
 KENTUCKY—Feb. 22, May 30, July 4, public fast, 1st Monday in Sept., Thanksgiving, Dec. 25.  
 LOUISIANA—Jan. 1 and 8, Feb. 22, Mardi-Gras, in New Orleans, Good Friday, April 6, July 4, Labor Day, Dec. 25, All Saints Day.  
 MAINE—Jan. 1, Feb. 22, May 30, public fast, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25.  
 MARYLAND—Jan. 1, Feb. 22, Good Friday, May 30, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, general election, every Saturday p. m.  
 MASSACHUSETTS—Feb. 22, April 19, May 30, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25.  
 MICHIGAN—Jan. 1, Feb. 22, May 30, July 4, 1st Mon. in Sept., Dec. 25, Fasting and Thanksgiving day.  
 MINNESOTA—Jan. 1, Feb. 12 and 22, Good Friday, May 30, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, Arbor Day, general election.  
 MISSISSIPPI—July 4, Dec. 25.  
 MISSOURI—Jan. 1, Feb. 22, May 30, July 4, 1st Mon. in Sept., Dec. 25, Thanksgiving, general election.  
 MONTANA—Jan. 1, Feb. 22, 3d Tuesday in April, May 30, public fast, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, Arbor Day, general election.

## LEGAL HOLIDAYS.

NEBRASKA—Jan. 1, Feb. 22, April 22, May 30, July 4, 1st Mon. in Sept., public fast, Thanksgiving, Dec. 25.  
 NEVADA—Jan. 1, Feb. 22, May 30, July 4, Oct. 31, Thanksgiving, Dec. 25, general election.  
 NEW HAMPSHIRE—Feb. 22, Fast day, May 30, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, general election.  
 NEW JERSEY—Jan. 1, Feb. 12 and 22, May 30, July 4, 1st Monday in Sept., Thanksgiving and Fast day, Dec. 25, every Saturday p. m., general election. Notes and drafts payable on secular or business day next succeeding each holiday.  
 NEW MEXICO—Jan. 1, July 4, Dec. 25, and all days for Fasting and Thanksgiving. Notes due on holidays are payable on the next business day thereafter.  
 NEW YORK—Jan. 1, Feb. 12 and 22, May 30, July 4, 1st Monday in Sept., Dec. 25, general election, every Saturday p. m., Thanksgiving, Fast day.  
 NORTH CAROLINA—Jan. 1 and 19, Feb. 22, May 10 and 20, July 4, Thanksgiving, Dec. 25. Notes and drafts payable on secular or business day next succeeding each holiday.  
 NORTH DAKOTA—Jan. 1, Feb. 12, Feb. 22, May 30, July 4, Arbor Day, Thanksgiving, public fast, Dec. 25, general election.  
 OHIO—Jan. 1, Feb. 22, May 30, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, general election.  
 OREGON—Jan. 1, Feb. 22, May 30, 1st Sat. in June, July 4, 1st Monday in Sept., public fast, Thanksgiving, Dec. 25.  
 PENNSYLVANIA—Jan. 1, Feb. 12, Feb. 22, Good Friday, May 30, July 4, 1st Mon. in Sept., Thanksgiving, Dec. 25, general election, every Saturday p. m.  
 RHODE ISLAND—Jan. 1, Feb. 22, 1st Friday in May, May 30, July 4, 1st Monday in September, Thanksgiving, December 25, State election, general election.  
 SOUTH CAROLINA—Jan. 1, Jan. 19, Feb. 22, May 10, July 4, 1st Monday in Sept., National Thanksgiving, Dec. 25, general election.  
 SOUTH DAKOTA—Same as North Dakota.  
 TENNESSEE—Jan. 1, Good Friday, May 30, July 4, 1st Mon. in Sept., Thanksgiving, Dec. 25, general election.  
 TEXAS—Jan. 1, Feb. 22, March 2, April 21, July 4, 1st Monday in Sept., Dec. 25, days of Fasting and Thanksgiving, election day.  
 UTAH—Jan. 1, Feb. 22, April 15, May 30, July 4, July 24, 1st Monday in Sept., Thanksgiving, Fast days, Dec. 25.  
 VERMONT—Jan. 1, Feb. 22, May 30, July 4, Aug. 16, Thanksgiving, Dec. 25.  
 VIRGINIA—Jan. 1 and 19, Feb. 22, Fast day, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25.  
 WASHINGTON—Jan. 1, Feb. 12 and 22, Decoration day, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, general election.  
 WEST VIRGINIA—Jan. 1, Feb. 22, July 4, Dec. 25, any day of National Thanksgiving, general election.  
 WISCONSIN—Jan. 1, Feb. 22, May 30, Arbor Day, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, general election.  
 WYOMING—Jan. 1, Feb. 22, May 30, July 4, 1st Monday in Sept., Arbor Day, Thanksgiving, Dec. 25, general election.



# VALUES OF FOREIGN COINS.

The following estimate, by the Director of the Mint, of the values of Foreign Coins, is proclaimed by the Secretary of the Treasury, in pursuance of the provisions of section 25 of the Act of August 28, 1894, to be the values of such coins in terms of the money of account of the United States, to be followed in estimating the value of all foreign merchandise exported to the United States on or after Jan. 1, 1899, expressed in any of such metallic currencies:

COUNTRY.	STANDARD.	MONETARY UNIT.	VALUE.
			D. C. M.
Argentine Rep.	Gold & silv.	Peso	0 96 5
Austria-Hungary	Gold	Crown	0 20 3
Belgium	Gold & silv.	Franc	0 19 3
Bolivia	Silver	Boliviano	0 43 9
Brazil	Gold	Milreis	0 54 6
British America	Gold	Dollar	1 0 0
Costa Rica	Gold	Colon	0 46 5
Chili	Gold	Peso	0 36 5
China	Silver	Tael. { Shanghai. Haikwan. (Customs).	0 64 8 0 72 2
Colombia	Silver	Peso	0 43 9
Cuba	Gold & silv.	Peso	0 92 6
Denmark	Gold	Crown	0 26 8
Ecuador	Silver	Sucres	0 43 9
Egypt	Gold	Pound (100 piastres)	4 94 3
Finland	Gold	Mark	0 19 3
France	Gold & silv.	Franc	0 19 3
German Empire	Gold	Mark	0 23 8
Great Britain	Gold	Pound sterling	4 86 6½
Greece	Gold & silv.	Drachma	0 19 3
Guatemala	Silver	Peso	0 43 9
Hayti	Gold & silv.	Gourde	0 96 5
India	Silver	Rupee	0 20 8
Italy	Gold & silv.	Lira	0 19 3
Japan	Gold	Yen	0 49 8
Liberia	Gold	Dollar	1 0 0
Mexico	Silver	Dollar	0 47 7
Netherlands	Gold & silv.	Florin	0 40 2
Newfoundland	Gold	Dollar	1 1 4
Norway	Gold	Crown	0 26 8
Persia	Silver	Kran	0 8 1
Peru	Silver	Sol	0 43 9
Portugal	Gold	Milreis	1 8 0
Russia	Gold	Ruble	0 51 5
Spain	Gold & silv.	Peseta	0 19 3
Sweden	Gold	Crown	0 26 8
Switzerland	Gold & silv.	Franc	0 19 3
Turkey	Gold	Piaster	0 4 4
Uruguay	Gold	Peso	1 3 4
Venezuela	Gold & silv.	Bolivar	0 19 3

# INTEREST LAWS OF ALL THE STATES. AND DAYS OF GRACE.

STATES AND TERRITORIES.	DAYS OF GRACE.		RATES OF INTEREST.		PENALTY OF USURY.
	Notes.	Sight Drafts.	Legal.	SPECIAL OR CONTRACT.	
Alabama	Yes	Yes	8	8 per ct.	Forfeiture of all interest
Arizona	Yes	Yes	7	No limit.	None
Arkansas	Yes	Yes	6	10 per ct.	Forft. of principal and int.
California	No	No	7	No limit.	None
Colorado	Yes	No	8	No limit.	None
Connecticut	No	No	6	No limit.	None
Delaware	Yes	No	6	6 per ct.	Forfeiture of principal
Dist. of Columbia	No	No	6	10 per ct.	Forft. of entire interest
Florida	Yes	No	8	10 per ct.	None
Georgia	Yes	No	7	8 per ct.	Forfeiture of excess of int.
Idaho	No	No	7	12 per ct.	Forft. 10% principal an'y
Illinois	No	No	5	7 per ct.	Forft. of entire interest
Indiana	Yes	Yes	6	8 per ct.	Forfeit. interest over 6%
Iowa	Yes	Yes	6	8 per ct.	Fft. int., costs & 10% prin.
Kansas	Yes	No	6	10 per ct.	Fft. twice excess over 10%
Kentucky	Yes	Yes	6	6 per ct.	Forfeit. excess of interest
Louisiana	Yes	No	5	8 per ct.	Forfeiture of interest
Maine	Yes	Yes	6	No limit.	None
Maryland	No	No	6	6 per ct.	Forft. excess of interest
Massachusetts	No	Yes	6	No limit.	None (6% on judgments)
Michigan	Yes	Yes	6	8 per ct.	Forfeiture of interest
Minnesota	Yes	Yes	7	10 per ct.	Forfeiture of principal
Mississippi	Yes	Yes	6	10 per ct.	Forfeiture of interest
Missouri	Yes	No	6	8 per ct.	Excess applicable on prin.
Montana	No	No	10	No limit.	None
Nebraska	Yes	Yes	7	10 per ct.	Forfeiture of int.—costs
Nevada	Yes	No	7	No limit.	None
New Hampshire	No	No	6	6 per ct.	Forft. treble excess of int.
New Jersey	No	No	6	6 per ct.	Forft. entire int. & costs
New Mexico	Yes	Yes	6	12 per ct.	Forft. dbl am't of interest
New York	No	No	6	6 per ct.	Fft. contract, fine & imp't
North Carolina	Yes	Yes	6	6 per ct.	Forfeiture dbl. amt. of int.
North Dakota	Yes	Yes	6	12 per ct.	Fine not exc'g \$200 or imp
Ohio	No	No	6	8 per ct.	Forfeiture of excess
Oklahoma	Yes	No	7	12 per ct.	
Oregon	No	No	8	10 per ct.	Forft. prin. and int—costs
Pennsylvania	No	No	6	6 per ct.	Forft excess of interest
Rhode Island	Yes	Yes	6	No limit.	None
South Carolina	Yes	Yes	7	8 per ct.	Forfeiture of interest
South Dakota	Yes	Yes	7	12 per ct.	Forft. int., fine or imp'mt
Tennessee	Yes	No	6	No limit.	Forft. excess of interest
Texas	Yes	Yes	6	10 per ct.	Forft. of entire interest
Utah	No	No	8	No limit.	None
Vermont	No	No	6	6 per ct.	Forfeiture of excess
Virginia	Yes	No	6	6 per ct.	Forfeit exc's over 6 pr ct.
Washington	Yes	Yes	7	12 per ct.	Dbl. amt. of int., & costs
West Virginia	Yes	No	6	6 per ct.	Forft. of interest
Wisconsin	No	No	6	10 per ct.	Forfeiture of entire int.
Wyoming	Yes	Yes	8	12 per ct.	None



## STANDARD TIME.

IN this Almanac the risings and settings of the Sun and Moon are given in local mean time, as heretofore. The Tides are given in STANDARD TIME.

To change to STANDARD TIME add or subtract the *minutes* as given below, according as they are marked *plus* or *minus*.

### Standard Time Divisions as adopted by the Railroads.

**EASTERN STANDARD**—75th Meridian. Canada, between Quebec and Detroit,—U. S. east of Buffalo, N. Y.; Pittsburg, Pa.; Wheeling and Huntington, W. Va.; Bristol, Tenn.; Charlotte, N. C., and Augusta, Ga.

**CENTRAL STANDARD**—90th Meridian. West from "Eastern" limits, as above, to Broadview, Canada; to the Missouri River in Dakota; North Platte and McCook, Nebraska; Wallace and Dodge City, Kansas; Toyah and Sanderson, Texas.

**MOUNTAIN STANDARD**—105th Meridian. West from "Central" limits to Heron, Montana; Ogden, Utah; Needles and Yuma, Arizona.

**PACIFIC STANDARD**—120th Meridian. West from "Mountain" limits to coast.

### Correction for the following Cities.

Eastern Standard. 75° Longitude.		Central Standard. 90° Longitude.	
	Minutes.		Minutes.
Bangor, Me.	— 25	Cleveland, Ohio.	— 33
Augusta, Me.	— 21	Columbus, Ohio.	— 28
Portland, Me.	— 19	Detroit, Mich.	— 28
Boston, Mass.	— 16	Toledo, Ohio.	— 26
Newport, R. I.	— 15	Dayton, Ohio.	— 23
Providence, R. I.	— 14	Cincinnati, Ohio.	— 22
Concord, N. H.	— 14	Louisville, Ky.	— 18
New London, Conn.	— 11	Indianapolis, Ind.	— 16
Springfield, Mass.	— 10	Chicago, Ill.	— 10
Montpelier, Vt.	— 10	Milwaukee, Wis.	— 8
Hartford, Conn.	— 9	Springfield, Ill.	— 2
Montreal, Que.	— 6	Memphis, Tenn.	0
Albany, N. Y.	— 5	New Orleans, La.	0
New York, N. Y.	— 4	St. Louis, Mo.	+ 1
Utica, N. Y.	+ 1	Rock Island, Ill.	+ 3
Philadelphia, Pa.	+ 1	Dubuque, Iowa.	+ 3
Syracuse, N. Y.	+ 5	Burlington, Iowa.	+ 5
Baltimore, Md.	+ 6	St. Paul, Minn.	+ 12
Washington, D. C.	+ 8	Des Moines, Iowa.	+ 14
Rochester, N. Y.	+ 11	Kansas City, Mo.	+ 18
Buffalo, N. Y.	+ 16	Galveston, Texas.	+ 19
Pittsburg, Pa.	+ 20	Omaha, Neb.	+ 24

Mountain Standard. 105° Longitude.		Pacific Standard. 120° Longitude.	
Denver, Col.	0	Sacramento, Cal.	+ 6
Salt Lake City, Utah.	+ 28	San Francisco, Cal.	+ 10

## TIDE TABLE

(The following values are derived from late determinations of the UNITED STATES COAST SURVEY.)

To find the time (Standard Time) of High Water at any of the following places, add or subtract the hours and minutes opposite the name of place in the following Table, to or from the hours and minutes of High Water at NEW YORK for the required day, as found in the *Calendar Page*.

EASTERN STANDARD.		H.	M.	Mean range. Feet.
Eastport, Me.	add	2	33	18.2
Bar Harbor, Me.	"	2	24	10.4
Portland, Me.	"	2	55	9.1
Portsmouth, N. H.	"	3	3	8.6
Isle of Shoals, N. H.	"	2	57	8.7
Newburyport, Mass.	"	3	3	7.5
Gloucester, Mass.	"	2	42	8.9
Salem, Mass.	"	2	57	9.2
Nahant, Mass.	"	2	50	9.4
Plymouth, Mass.	"	2	59	10.2
Provincetown, Mass.	"	3	7	9.2
Nantucket, Mass.	"	4	6	3.0
Vineyard Haven, Mass.	"	3	22	1.6
Wood's Hole, North Side, Mass.	sub.	0	21	4.0
Wood's Hole, South Side, Mass.	add	0	14	1.6
New Bedford Entrance (Dumpling Rock), Mass.	sub.	0	20	3.7
Newport, R. I.	"	0	33	3.9
Bristol, R. I.	"	0	25	4.7
Point Judith, R. I.	"	0	45	3.1
Sandy Hook, N. J.	"	0	32	4.7
Watch Hill, R. I.	add	0	33	2.7
Stonington, Conn.	"	0	54	2.7
New London, Conn.	"	1	14	2.6
New Haven, Conn.	"	2	57	6.0
Bridgeport, Conn.	"	2	59	6.5
Montauk Point, L. I.	"	0	4	1.9
Throg's Neck, N. Y.	"	3	13	7.3
Cape May Landing, N. J.	"	0	14	4.8
Newcastle, Del.	"	3	52	6.5
Philadelphia, Penn.	"	5	46	6.0
Annapolis, Md.	sub.	3	18	0.9
Baltimore, Md.	"	1	23	1.3
Richmond, Va.	"	3	24	3.6
Hatteras Inlet, N. C.	"	0	56	2.0
Beaufort, N. C.	"	0	35	2.8
Charleston (C. H. Wharf), S. C.	"	0	19	5.1

CENTRAL STANDARD.		H.	M.	Mean range. Feet.
Fort Pulaski (Savannah Ent.), Ga.	sub.	1	21	6.9
Savannah (Dry Dock Wharf), Ga.	"	0	26	6.5
St. Augustine, Fla.	"	0	17	4.2
Key West, Fla.	add	0	54	1.2
Tampa Bay (Egmont Key), Fla.	"	3	0	1.4
Cedar Keys (Depot Key), Fla.	"	4	52	2.6



## FESTIVALS AND FASTS.

Epiphany, . . . . .	Jan. 6
Septuagesima Sunday, . . . . .	Feb. 11
Quinquagesima—Shrove Sunday, . . . . .	Feb. 25
Ash Wednesday, . . . . .	Feb. 28
First Sunday in Lent, . . . . .	Mar. 4
St. Patrick, . . . . .	Mar. 17
Palm Sunday, . . . . .	April 8
Good Friday, . . . . .	April 13
Easter Sunday, . . . . .	April 15
Low Sunday, . . . . .	April 22
Rogation Sunday, . . . . .	May 20
Ascension Day—Holy Thursday, . . . . .	May 24
Pentecost—Whit Sunday, . . . . .	June 3
Trinity Sunday, . . . . .	June 10
Corpus Christi, . . . . .	June 14
St. John Baptist, . . . . .	June 24
Michaelmas Day, . . . . .	Sept. 29
St. Andrew, . . . . .	Nov. 30
First Sunday in Advent, . . . . .	Dec. 2
Christmas Day, . . . . .	Dec. 25

## CHRONOLOGICAL CYCLES.

Dominical Letter . . . . .	G
Epact . . . . .	29
Lunar Cycle, or Golden Number . . . . .	I
Solar Cycle . . . . .	5
Roman Indiction . . . . .	13
Julian Period . . . . .	6613

## THE SEASONS.

	Eastern Standard.	Central Standard.
Vernal Equinox, . .	Mar. 20, 9h. A.	Mar. 20, 8h. A.
Summer Solstice, . .	June 21, 5h. A.	June 21, 4h. A.
Autumnal Equinox, . .	Sept. 23, 7h. M.	Sept. 23, 6h. M.
Winter Solstice, . .	Dec. 22, 2h. M.	Dec. 22, 1h. M.
	Mountain Standard.	Pacific Standard.
Vernal Equinox, . .	Mar. 20, 7h. A.	Mar. 20, 6h. A.
Summer Solstice, . .	June 21, 3h. A.	June 21, 2h. A.
Autumnal Equinox, . .	Sept. 23, 5h. M.	Sept. 23, 4h. M.
Winter Solstice, . .	Dec. 22, oh. M.	Dec. 21, 11h. A.

## ECLIPSES FOR THE YEAR.

IN the year 1900 there will be three Eclipses,—two of the SUN and one of the MOON.

I. A TOTAL ECLIPSE OF THE SUN, May 28. Visible to North America and northwestern corner of South America, Europe, northern Africa and the North Atlantic Ocean; the path of totality running through Mexico, New Orleans, Mobile, Raleigh, Norfolk, and across to Algiers, being of an average width of fifty miles. Occurring as follows:

		Begins.	Total.	Ends.
Boston . . . . .	Eastern	7h. 53m. M.	—	10h. 32m. M.
New York . . . . .	"	7h. 48m. M.	—	10h. 25m. M.
Charleston . . . . .	"	7h. 33m. M.	—	10h. 3m. M.
Richmond . . . . .	"	7h. 40m. M.	—	10h. 14m. M.
Raleigh . . . . .	"	7h. 37m. M.	8h. 49m. M.	10h. 10m. M.
Norfolk . . . . .	"	7h. 41m. M.	8h. 53m. M.	10h. 15m. M.
Cincinnati . . . . .	Central.	7h. 40m. M.	—	9h. 4m. M.
Chicago . . . . .	"	7h. 46m. M.	—	9h. 3m. M.
St. Louis . . . . .	"	6h. 38m. M.	—	8h. 55m. M.
St. Paul . . . . .	"	6h. 51m. M.	—	8h. 59m. M.
Nashville . . . . .	"	6h. 36m. M.	—	8h. 57m. M.
New Orleans . . . . .	"	6h. 23m. M.	7h. 32m. M.	8h. 44m. M.
Galveston . . . . .	"	6h. 24m. M.	—	8h. 38m. M.
Atlanta . . . . .	"	6h. 33m. M.	—	8h. 57m. M.
Mobile . . . . .	"	6h. 28m. M.	7h. 33m. M.	8h. 48m. M.
Montgomery . . . . .	"	6h. 30m. M.	7h. 37m. M.	8h. 53m. M.
Milledgeville . . . . .	"	6h. 32m. M.	7h. 40m. M.	8h. 58m. M.
Denver . . . . .	Mountain.	5h. 41m. M.	—	7h. 41m. M.
Santa Fe . . . . .	"	5h. 36m. M.	—	7h. 37m. M.
Salt Lake City . . . . .	"	5h. 49m. M.	—	7h. 38m. M.
San Francisco . . . . .	Pacific.	Just before sunrise.	—	6h. 32m. M.
Portland, Ore. . . . .	"	5h. 3m. M.	—	6h. 35m. M.

II. A PARTIAL ECLIPSE OF THE MOON, June 12. Visible to North and South America, Spain and Africa. Occurring as follows:

	Eastern.	Central.	Mountain.	Pacific.
	D. H. M.	D. H. M.	D. H. M.	D. H. M.
Moon enters Penumbra . . . . .	12 8 15 A	12 7 15 A	12 6 15 A	12 5 15 A
Moon enters Shadow . . . . .	12 10 24 A	12 9 24 A	12 8 24 A	12 7 24 A
Middle of Eclipse . . . . .	12 10 28 A	12 9 28 A	12 8 28 A	12 7 28 A
Moon leaves Shadow . . . . .	12 10 32 A	12 9 32 A	12 8 32 A	12 7 32 A
Moon leaves Penumbra . . . . .	13 0 41 M	12 11 41 A	12 10 41 A	12 9 41 A

First contact of shadow, 4 degrees from south point of the Moon's limb toward the east.

Magnitude of eclipse = 0.001 (Moon's diameter = 1.0).

III. AN ANNULAR ECLIPSE OF THE SUN, November 22. Invisible to North America. Visible to southern half of Africa and to Australia.

## MORNING AND EVENING STARS.

MERCURY will be Evening Star about March 8, July 4 and October 29; and Morning Star about April 22, August 19 and December 7.

VENUS will be Evening Star till July 8; and then Morning Star the rest of the year.

JUPITER will be Morning Star till May 27; then Evening Star till December 14; and then Morning Star again the rest of the year.



The Calendars for the Latitude of Boston and Chicago

May be used for Central and Southern New England, Central New York, Southern Michigan, Southern Wisconsin, Northern Iowa, Northern Nebraska, South Dakota, and Wyoming.

The Calendars for the Latitude of New York and Philadelphia

May be used for Southern New York, New Jersey, Pennsylvania, Northern Ohio, Northern Indiana, Northern Illinois, Southern Iowa, and Southern Nebraska.

The Calendars for the Latitude of Washington, Cincinnati, etc.

May be used for Delaware, Maryland, the Virginias, Southern Ohio, Southern Indiana, Southern Illinois, Kentucky, Missouri, Kansas, and Colorado.

THE SIZE OF THE SEAS.

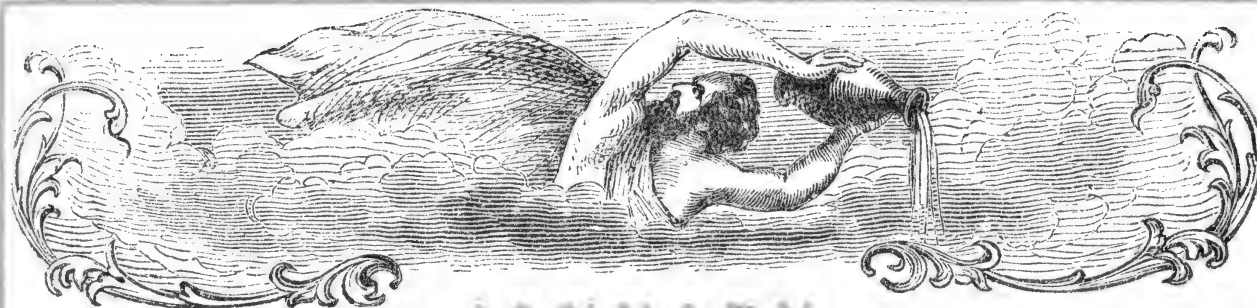
	Miles long.
Mediterranean.....	2,000
Caribbean.....	1,800
Red.....	1,400
Black.....	932
Baltic.....	600

AREA OF OCEANS IN SQUARE MILES.

Pacific.....	80,000,000
Atlantic.....	40,000,000
Indian.....	20,000,000
Southern.....	10,000,000
Arctic.....	5,000,000

SIZE OF THE GREAT LAKES.

	Miles long.	Miles wide.
Superior.....	380	120
Michigan.....	330	60
Ontario.....	170	40
Champlain.....	123	12
Erie.....	270	50
Huron.....	250	90
Winnipeg.....	240	40
Athabaska.....	200	20



MOON'S PHASES. (In Standard Time.)				EASTERN DIVISION.				CENTRAL DIVISION.			
NEW MOON.....				1d.	8h.	52m.	A.M.	1d.	7h.	52m.	A.M.
FIRST QUARTER.....				8d.	0h.	40m.	A.M.	7d.	11h.	40m.	P.M.
FULL MOON.....				15d.	2h.	7m.	P.M.	15d.	1h.	7m.	P.M.
LAST QUARTER.....				23d.	6h.	53m.	P.M.	23d.	5h.	53m.	P.M.
NEW MOON.....				30d.	8h.	22m.	P.M.	30d.	7h.	22m.	P.M.
<b>1900</b>											
LATITUDE OF BOSTON AND CHICAGO.				LATITUDE OF NEW YORK AND PHILADELPHIA.				LAT. OF WASH. CIN. & ST. LOUIS.			
D. of M.	Day of W'k.	Local Mean Time.		Boston Tide. Stand. Time.	Local Mean Time.		N. Y. Tide. Stand. Time.	Local Mean Time.		SUN R. & S.	MOON R. & S.
		SUN R. & S.	MOON R. & S.		SUN R. & S.	MOON R. & S.		SUN R. & S.	MOON R. & S.		
1	Mo.	17 30	5 2	11 7	17 25	5 7	8 1	17 19	5 12		
2	Tu.	14 39	6 19	11 56	14 44	6 23	8 53	14 49	6 27		
3	We.	17 30	7 35	0 21	17 25	7 38	9 43	17 19	7 41		
4	Th.	14 41	8 50	1 10	14 46	8 51	10 30	14 51	8 54		
5	Fr.	17 30	10 4	1 58	17 25	10 4	11 16	17 19	10 5		
6	Sa.	14 43	11 17	2 45	14 48	11 16	....	14 53	11 15		
7	S	17 30	morn	3 34	17 25	morn	0 32	17 19	morn		
8	Mo.	14 45	0 29	4 27	14 50	0 27	1 26	14 55	0 25		
9	Tu.	17 29	1 39	5 27	17 24	1 36	2 25	17 19	1 32		
10	We.	14 47	2 47	6 30	14 52	2 43	3 27	14 57	2 38		
11	Th.	17 29	3 51	7 34	17 24	3 46	4 30	17 19	3 41		
12	Fr.	14 49	4 50	8 35	14 54	4 45	5 32	14 59	4 39		
13	Sa.	17 28	5 43	9 30	17 23	5 38	6 28	17 18	5 32		
14	S	14 51	6 28	10 20	14 56	6 23	7 17	15 1	6 18		
15	Mo.	17 27	rises.	11 6	17 23	rises.	7 59	17 18	rises.		
16	Tu.	14 54	6 6	11 45	14 58	6 9	8 41	15 3	6 13		
17	We.	17 26	7 6	0 4	17 22	7 8	9 21	17 17	7 11		
18	Th.	14 56	8 5	0 42	15 1	8 6	9 58	15 5	8 8		
19	Fr.	17 25	9 4	1 18	17 21	9 4	10 32	17 16	9 5		
20	Sa.	14 59	10 3	1 54	15 3	10 2	11 6	15 7	10 2		
21	S	17 24	11 2	2 30	17 20	11 0	11 46	17 15	10 59		
22	Mo.	15 1	morn	3 9	15 5	11 59	0 6	15 10	11 56		
23	Tu.	17 23	0 2	3 52	17 18	morn	0 51	17 14	morn		
24	We.	15 3	1 5	4 42	15 8	1 1	1 41	15 12	0 57		
25	Th.	17 21	2 8	5 39	17 17	2 3	2 37	17 13	1 59		
26	Fr.	15 6	3 11	6 43	15 10	3 6	3 40	15 14	3 0		
27	Sa.	17 20	4 12	7 49	17 15	4 7	4 46	17 11	4 1		
28	S	15 8	5 8	8 54	15 12	5 3	5 50	15 16	4 57		
29	Mo.	17 18	5 56	9 54	17 14	5 51	6 51	17 10	5 47		
30	Tu.	15 11	sets.	10 49	15 15	sets.	7 44	15 19	sets.		
31	We.	17 16	6 25	11 38	17 12	6 27	8 33	17 8	6 30		





MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
FIRST QUARTER .....	6d. 11h. 23m. A.M.	6d. 10h. 23m. A.M.
FULL MOON .....	14d. 8h. 50m. A.M.	14d. 7h. 50m. A.M.
LAST QUARTER .....	22d. 11h. 44m. A.M.	22d. 10h. 44m. A.M.

1900		LATITUDE OF BOSTON AND CHICAGO.		LATITUDE OF NEW YORK AND PHILADELPHIA.		LAT. OF WASH. CIN. & ST. LOUIS.	
D. of M.	Day of W'k.	Local Mean Time.		Local Mean Time.		Local Mean Time.	
		SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.
1	TH.	17 15	7 43	0 1	17 11	7 44	9 23
2	FR.	15 15	9 0	0 48	15 18	8 59	10 8
3	SA.	17 13	10 14	1 35	17 9	10 12	10 52
4	S	15 18	11 27	2 21	15 21	11 24	11 41
5	MO.	17 10	morn	3 10	17 7	morn	0 8
6	TU.	15 20	0 38	4 4	15 23	0 34	1 3
7	WE.	17 8	1 45	5 4	17 5	1 40	2 2
8	TH.	15 23	2 46	6 9	15 26	2 41	3 7
9	FR.	17 6	3 40	7 15	17 2	3 35	4 12
10	SA.	15 25	4 27	8 15	15 28	4 22	5 12
11	S	17 3	5 7	9 8	17 0	5 2	6 6
12	MO.	15 28	5 42	9 56	15 31	5 38	6 54
13	TU.	17 0	6 11	10 40	16 58	6 8	7 35
14	WE.	15 31	rises.	11 16	15 33	rises.	8 10
15	TH.	16 58	6 56	11 51	16 55	6 57	8 49
16	FR.	15 33	7 55	0 9	15 36	7 54	9 24
17	SA.	16 55	8 54	0 43	16 53	8 52	9 59
18	S	15 36	9 54	1 19	15 38	9 51	10 32
19	MO.	16 52	10 54	1 56	16 50	10 51	11 10
20	TU.	15 38	11 56	2 36	15 40	11 52	11 54
21	WE.	16 49	morn	3 20	16 47	morn	0 18
22	TH.	15 41	0 57	4 11	15 43	0 52	1 10
23	FR.	16 46	1 57	5 10	16 44	1 52	2 9
24	SA.	15 43	2 53	6 18	15 45	2 48	3 15
25	S	16 43	3 43	7 26	16 41	3 38	4 23
26	MO.	15 46	4 28	8 33	15 48	4 24	5 29
27	TU.	16 40	5 7	9 31	16 38	5 4	6 29
28	WE.	15 48	5 42	10 26	15 50	5 40	7 20
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...



MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
NEW MOON .....	1d. 6h. 25m. A.M.	1d. 5h. 25m. A.M.
FIRST QUARTER .....	8d. 0h. 34m. A.M.	7d. 11h. 34m. P.M.
FULL MOON .....	16d. 3h. 12m. A.M.	16d. 2h. 12m. A.M.
LAST QUARTER .....	24d. 0h. 36m. A.M.	23d. 11h. 36m. P.M.
NEW MOON .....	30d. 3h. 30m. P.M.	30d. 2h. 30m. P.M.

1900		LATITUDE OF BOSTON AND CHICAGO.		LATITUDE OF NEW YORK AND PHILADELPHIA.		LAT. OF WASH. CIN. & ST. LOUIS.	
D. of M.	Day of W'k.	Local Mean Time.		Local Mean Time.		Local Mean Time.	
		SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.
1	TH.	16 37	6 30	11 14	16 35	6 30	8 9
2	FR.	15 51	7 48	...	15 52	7 47	8 57
3	SA.	16 34	9 5	0 23	16 32	9 2	9 45
4	S	15 53	10 19	1 10	15 54	10 15	10 30
5	MO.	16 30	11 30	1 59	16 29	11 25	11 19
6	TU.	15 55	morn	2 49	15 56	morn	...
7	WE.	16 27	0 36	3 43	16 26	0 31	0 42
8	TH.	15 58	1 34	4 43	15 59	1 29	1 42
9	FR.	16 24	2 24	5 47	16 23	2 19	2 45
10	SA.	16 0	3 7	6 50	16 1	3 2	3 47
11	S	16 20	3 43	7 47	16 19	3 39	4 44
12	MO.	16 2	4 14	8 39	16 3	4 11	5 37
13	TU.	16 17	4 41	9 25	16 16	4 39	6 23
14	WE.	16 5	5 6	10 6	16 5	5 5	7 4
15	TH.	16 13	5 31	10 44	16 13	5 31	7 39
16	FR.	16 7	rises.	11 19	16 7	rises.	8 13
17	SA.	16 10	7 47	11 53	16 10	7 45	8 50
18	S	16 9	8 48	0 11	16 9	8 45	9 28
19	MO.	16 6	9 49	0 48	16 6	9 45	10 5
20	TU.	16 12	10 49	1 28	16 12	10 44	10 44
21	WE.	16 3	11 48	2 10	16 3	11 43	11 28
22	TH.	16 14	morn	2 57	16 14	morn	...
23	FR.	15 59	0 44	3 50	16 0	0 39	0 48
24	SA.	16 16	1 35	4 50	16 16	1 30	1 49
25	S	15 56	2 20	5 56	15 56	2 16	2 54
26	MO.	16 18	3 1	7 4	16 18	2 57	4 1
27	TU.	15 52	3 38	8 8	15 53	3 35	5 6
28	WE.	16 20	4 11	9 7	16 20	4 10	6 5
29	TH.	15 49	4 42	9 59	15 50	4 42	6 58
30	FR.	16 23	sets.	10 50	16 22	sets.	7 46
31	SA.	15 45	7 52	11 37	15 46	7 49	8 32





## APRIL

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.		CENTRAL DIVISION.	
FIRST QUARTER .....	6d.	3h. 54m. P.M.	6d.	2h. 54m. P.M.
FULL MOON .....	14d.	8h. 2m. P.M.	14d.	7h. 2m. P.M.
LAST QUARTER .....	22d.	9h. 33m. A.M.	22d.	8h. 33m. A.M.
NEW MOON .....	29d.	oh. 23m. A.M.	28d.	11h. 23m. P.M.

1900		LATITUDE OF BOSTON AND CHICAGO.		LATITUDE OF NEW YORK AND PHILADELPHIA.		LAT. OF WASH. CIN. & ST. LOUIS.	
D. of M.	Day of W'k.	Local Mean Time.		Local Mean Time.		Local Mean Time.	
		SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.

<i>Arcto</i>	1	S	75 44	9 7	0 0	75 45	9 3	9 23	75 46	8 59
	2	MO.	56 26	10 17	0 49	56 25	10 12	10 10	56 24	10 7
	3	TU.	75 40	11 20	1 38	75 41	11 15	10 58	75 43	11 9
	4	WE.	56 28	morn	2 30	56 27	morn	11 53	56 26	morn
<i>and the</i>	5	TH.	75 37	0 15	3 23	75 38	0 10	0 21	75 40	0 4
<i>the</i>	6	FR.	56 31	1 3	4 19	56 29	0 58	1 18	56 28	0 53
	7	SA.	75 33	1 42	5 17	75 35	1 38	2 15	75 37	1 34
	8	S	56 33	2 15	6 14	56 31	2 12	3 12	56 30	2 9
	9	MO.	75 30	2 44	7 9	75 32	2 41	4 6	75 34	2 40
	10	TU.	56 35	3 10	7 59	56 33	3 8	4 55	56 32	3 8
	11	WE.	75 27	3 34	8 44	75 28	3 33	5 42	75 30	3 34
<i>and the</i>	12	TH.	56 37	3 58	9 27	56 36	3 58	6 25	56 33	4 0
<i>adj.</i>	13	FR.	75 23	4 23	10 8	75 25	4 24	7 5	75 27	4 27
	14	SA.	56 40	4 48	10 46	56 38	4 50	7 41	56 35	4 54
<i>and the</i>	15	S	75 20	rises.	11 22	75 22	rises.	8 18	75 24	rises.
<i>Pin.</i>	16	MO.	56 42	8 42	.....	56 40	8 38	9 1	56 37	8 33
<i>Aug.</i>	17	TU.	75 17	9 42	0 24	75 19	9 37	9 43	75 22	9 32
<i>Aug.</i>	18	WE.	56 44	10 39	1 7	56 42	10 34	10 25	56 39	10 28
<i>St. J.</i>	19	TH.	75 14	11 31	1 53	75 16	11 26	11 11	75 19	11 21
<i>St. J.</i>	20	FR.	56 46	morn	2 42	56 44	morn	.....	56 41	morn
<i>St. J.</i>	21	SA.	75 11	0 18	3 34	75 13	0 13	0 33	75 16	0 9
<i>St. J.</i>	22	S	56 48	0 59	4 32	56 46	0 55	1 31	56 43	0 51
<i>St. J.</i>	23	MO.	75 8	1 35	5 35	75 10	1 32	2 33	75 13	1 29
<i>St. J.</i>	24	TU.	56 51	2 8	6 39	56 48	2 6	3 37	56 45	2 5
<i>St. J.</i>	25	WE.	75 5	2 40	7 41	75 8	2 39	4 38	75 11	2 40
<i>St. J.</i>	26	TH.	56 53	3 11	8 39	56 50	3 12	5 36	56 47	3 13
<i>St. J.</i>	27	FR.	75 2	3 43	9 34	75 5	3 45	6 33	75 8	3 48
<i>St. J.</i>	28	SA.	56 55	4 16	10 27	56 52	4 19	7 23	56 49	4 23
<i>St. J.</i>	29	S	74 59	sets.	11 17	75 2	sets.	8 12	75 6	sets.
<i>St. J.</i>	30	MO.	56 57	9 2	.....	56 54	8 57	9 3	56 51	8 52
<i>St. J.</i>	31									



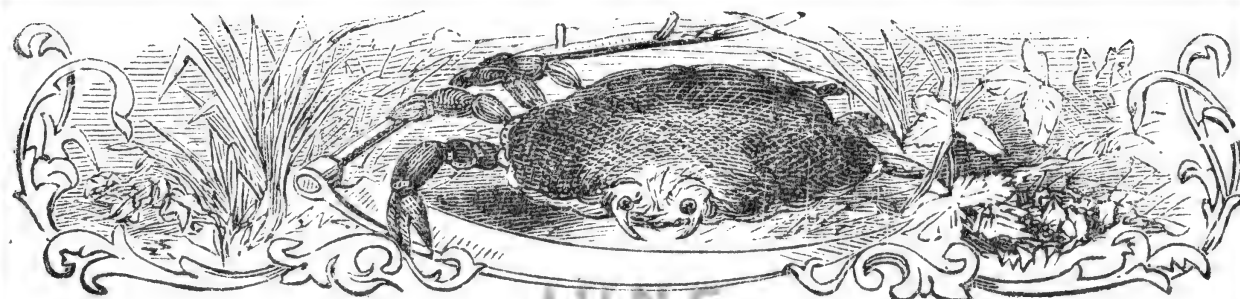
## MAY

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.		CENTRAL DIVISION.	
FIRST QUARTER .....	6d.	8h. 39m. A.M.	6d.	7h. 39m. A.M.
FULL MOON .....	14d.	10h. 36m. A.M.	14d.	9h. 36m. A.M.
LAST QUARTER .....	21d.	3h. 31m. P.M.	21d.	2h. 31m. P.M.
NEW MOON .....	28d.	9h. 50m. A.M.	28d.	8h. 50m. A.M.

1900		LATITUDE OF BOSTON AND CHICAGO.		LATITUDE OF NEW YORK AND PHILADELPHIA.		LAT. OF WASH. CIN. & ST. LOUIS.	
D. of M.	Day of W'k.	Local Mean Time.		Local Mean Time.		Local Mean Time.	
		SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.

	1	TU.	74 56	10 2	0 29	74 59	9 57	9 52	75 3	9 51
	2	WE.	56 59	10 53	1 19	56 56	10 48	10 40	56 52	10 43
	3	TH.	74 53	11 37	2 10	74 57	11 33	11 29	75 1	11 28
	4	FR.	57 2	morn	2 58	56 58	morn	.....	56 54	morn
	5	SA.	74 51	0 14	3 47	74 54	0 10	0 46	74 58	0 7
	6	S	57 4	0 45	4 38	57 0	0 42	1 37	56 56	0 40
	7	MO.	74 48	1 12	5 31	74 52	1 10	2 29	74 56	1 9
	8	TU.	57 6	1 37	6 21	57 3	1 36	3 19	56 58	1 36
	9	WE.	74 46	2 1	7 11	74 50	2 1	4 8	74 54	2 2
	10	TH.	57 8	2 25	7 59	57 5	2 26	4 55	57 0	2 28
	11	FR.	74 43	2 50	8 45	74 47	2 52	5 43	74 52	2 55
	12	SA.	57 10	3 18	9 31	57 7	3 21	6 29	57 2	3 25
	13	S	74 41	3 49	10 16	74 45	3 53	7 13	74 50	3 57
	14	MO.	57 13	rises.	10 59	57 9	rises.	7 53	57 4	rises.
	15	TU.	74 39	8 33	11 43	74 43	8 28	8 39	74 48	8 22
	16	WE.	57 15	9 28	0 4	57 10	9 23	9 25	57 6	9 18
	17	TH.	74 37	10 17	0 50	74 42	10 12	10 12	74 46	10 7
	18	FR.	57 17	11 0	1 39	57 12	10 56	10 58	57 7	10 52
	19	SA.	74 35	11 37	2 28	74 40	11 34	11 50	74 44	11 32
	20	S	57 19	morn	3 18	57 14	morn	0 17	57 9	morn
	21	MO.	74 33	0 10	4 13	74 38	0 8	1 12	74 43	0 7
	22	TU.	57 21	0 41	5 10	57 16	0 40	2 9	57 11	0 40
	23	WE.	74 32	1 11	6 12	74 36	1 11	3 10	74 41	1 12
	24	TH.	57 23	1 41	7 14	57 18	1 42	4 11	57 13	1 45
	25	FR.	74 30	2 13	8 14	74 35	2 16	5 11	74 40	2 19
	26	SA.	57 24	2 49	9 12	57 19	2 53	6 10	57 14	2 57
	27	S	74 28	3 31	10 8	74 34	3 35	7 5	74 39	3 41
	28	MO.	57 26	sets.	11 0	57 21	sets.	7 54	57 16	sets.
	29	TU.	74 28	8 43	11 48	74 33	8 38	8 44	74 38	8 33
	30	WE.	57 28	9 30	0 12	57 23	9 25	9 35	57 17	9 20
	31	TH.	74 26	10 10	1 0	74 32	10 6	10 19	74 37	10 2





JUNE

MOON'S PHASES. (In Standard Time.)				EASTERN DIVISION.				CENTRAL DIVISION.			
FIRST QUARTER.....				5d.	1h.	59m.	A.M.	5d.	oh.	59m.	A.M.
FULL MOON.....				12d.	1oh.	38m.	P.M.	12d.	9h.	38m.	P.M.
LAST QUARTER.....				19d.	7h.	57m.	P.M.	19d.	6h.	57m.	P.M.
NEW MOON.....				26d.	8h.	27m.	P.M.	26d.	7h.	27m.	P.M.
1900											
LATITUDE OF BOSTON AND CHICAGO.				LATITUDE OF NEW YORK AND PHILADELPHIA.				LAT. OF WASH. CIN. & ST. LOUIS.			
D. of M.	Day of W'k.	Local Mean Time.		Boston Tide. Stand. Time.	Local Mean Time.		N. Y. Tide. Stand. Time.	Local Mean Time.		N. Y. Tide. Stand. Time.	Local Mean Time.
		SUN R.&S.	MOON R.&S.		SUN R.&S.	MOON R.&S.		SUN R.&S.	MOON R.&S.		
1	FR.	74	26	10 44	1 45	74 31	10 41	11 1	74 36	10 38	
2	SA.	77	30	11 13	2 29	77 25	11 11	11 47	77 19	11 9	
3	S	74	25	11 39	3 12	74 30	11 38	0 10	74 36	11 37	
4	MO.	77	32	morn	3 55	77 26	morn	0 54	77 21	morn	
5	TU.	74	24	0 4	4 43	74 29	0 4	1 42	74 35	0 4	
6	WE.	77	33	0 28	5 31	77 28	0 29	2 29	77 22	0 30	
7	TH.	74	23	0 52	6 20	74 29	0 54	3 18	74 34	0 56	
8	FR.	77	34	1 18	7 12	77 29	1 21	4 9	77 23	1 24	
9	SA.	74	23	1 48	8 5	74 28	1 51	5 1	74 34	1 56	
10	S	77	35	2 22	8 56	77 30	2 26	5 53	77 24	2 31	
11	MO.	74	22	3 2	9 47	74 28	3 7	6 45	74 34	3 13	
12	TU.	77	36	3 51	10 38	77 31	3 56	7 33	77 25	4 3	
13	WE.	74	22	rises.	11 24	74 28	rises.	8 19	74 34	rises.	
14	TH.	77	37	8 58	.....	77 32	8 54	9 11	77 26	8 49	
15	FR.	74	22	9 37	0 36	74 28	9 34	9 58	74 34	9 30	
16	SA.	77	38	10 13	1 24	77 33	10 11	10 44	77 27	10 9	
17	S	74	22	10 45	2 13	74 28	10 44	11 31	74 34	10 43	
18	MO.	77	39	11 15	3 0	77 33	11 15	.....	77 27	11 16	
19	TU.	74	23	11 45	3 50	74 28	11 46	0 49	74 34	11 48	
20	WE.	77	40	morn	4 46	77 34	morn	1 44	77 28	morn	
21	TH.	74	23	0 16	5 46	74 28	0 18	2 44	74 34	0 21	
22	FR.	77	40	0 49	6 50	77 34	0 52	3 47	77 28	0 56	
23	SA.	74	23	1 27	7 54	74 29	1 31	4 51	74 35	1 36	
24	S	77	40	2 12	8 55	77 35	2 17	5 53	77 29	2 23	
25	MO.	74	24	3 3	9 52	74 29	3 8	6 50	74 35	3 15	
26	TU.	77	40	3 59	10 44	77 35	4 4	7 40	77 29	4 10	
27	WE.	74	25	sets.	11 31	74 30	sets.	8 27	74 36	sets.	
28	TH.	77	40	8 41	.....	77 35	8 37	9 12	77 29	8 35	
29	FR.	74	25	9 13	0 36	74 31	9 10	9 54	74 37	9 9	
30	SA.	77	40	9 41	1 17	77 35	9 39	10 33	77 29	9 38	
...	...	...	...	...	...	...	...	...	...	...	...



JULY

MOON'S PHASES. (In Standard Time.)				EASTERN DIVISION.				CENTRAL DIVISION.			
FIRST QUARTER.....				4d.	7h. 13m. P.M.	4d. 6h. 13m. P.M.					
FULL MOON.....				12d.	8h. 22m. A.M.	12d. 7h. 22m. A.M.					
LAST QUARTER.....				19d.	0h. 31m. A.M.	18d. 11h. 31m. P.M.					
NEW MOON .....				26d.	8h. 43m. A.M.	26d. 7h. 43m. A.M.					
1900				LATITUDE OF BOSTON AND CHICAGO.		LATITUDE OF NEW YORK AND PHILADELPHIA.		LAT. OF WASH. CIN. & ST. LOUIS.			
D. of M.	Day of W'k.	Local Mean Time.		Boston Tide. Stand. Time.	Local Mean Time.		N. Y. Tide. Stand. Time.	Local Mean Time.			
		SUN R.&S.	MOON R.&S.		SUN R.&S.	MOON R.&S.		SUN R.&S.	MOON R.&S.		
1	S	74 26	10 6	1 57	74 32	10 5	11 10	74 38	10 5		
2	Mo.	77 40	10 31	2 35	77 35	10 31	11 51	77 29	10 32		
3	Tu.	74 27	10 54	3 14	74 33	10 55	0 12	74 39	10 57		
4	We.	77 40	11 20	3 55	77 34	11 22	0 54	77 29	11 25		
5	Th.	74 28	11 48	4 42	74 34	11 51	1 41	74 40	11 55		
6	Fr.	77 39	morn	5 33	77 34	morn	2 31	77 28	morn		
7	Sa.	74 29	0 19	6 28	74 35	0 23	3 25	74 41	0 28		
8	S	77 39	0 55	7 27	77 33	1 0	4 23	77 28	1 5		
9	Mo.	74 31	1 40	8 27	74 37	1 45	5 23	74 42	1 51		
10	Tu.	77 38	2 33	9 23	77 32	2 38	6 21	77 27	2 45		
11	We.	74 33	3 33	10 18	74 38	3 38	7 15	74 43	3 44		
12	Th.	77 37	rises.	11 9	77 32	rises.	8 3	77 26	rises.		
13	Fr.	74 34	8 12	11 56	74 39	8 9	8 54	74 45	8 7		
14	Sa.	77 36	8 46	0 20	77 31	8 44	9 41	77 25	8 43		
15	S	74 36	9 18	1 6	74 41	9 17	10 25	74 46	9 18		
16	Mo.	77 34	9 49	1 52	77 30	9 50	11 10	77 24	9 51		
17	Tu.	74 37	10 19	2 40	74 42	10 21	.....	74 47	10 24		
18	We.	77 33	10 52	3 28	77 28	10 55	0 27	77 23	10 59		
19	Th.	74 39	11 29	4 22	74 44	11 33	1 22	74 49	11 38		
20	Fr.	77 32	morn	5 25	77 27	morn	2 24	77 22	morn		
21	Sa.	74 41	0 10	6 32	74 45	0 15	3 29	74 51	0 20		
22	S	77 30	0 58	7 37	77 25	1 3	4 34	77 20	1 9		
23	Mo.	74 43	1 52	8 39	74 47	1 57	5 36	74 52	2 4		
24	Tu.	77 28	2 50	9 36	77 24	2 55	6 34	77 19	3 1		
25	We.	74 44	3 51	10 26	74 49	3 55	7 23	74 54	4 1		
26	Th.	77 27	sets.	11 9	77 22	sets.	8 4	77 17	sets.		
27	Fr.	74 46	7 42	11 49	74 51	7 40	8 45	74 56	7 39		
28	Sa.	77 25	8 9	0 8	77 20	8 8	9 26	77 16	8 8		
29	S	74 48	8 34	0 45	74 53	8 34	10 1	74 57	8 35		
30	Mo.	77 22	8 58	1 21	77 18	8 59	10 35	77 14	9 1		
31	Tu.	74 50	9 22	1 58	74 55	9 24	11 11	74 59	9 26		





1900		LATITUDE OF BOSTON AND CHICAGO.			LATITUDE OF NEW YORK AND PHILADELPHIA.			LAT. OF WASH. CIN. & ST. LOUIS.	
D. of M.	Day of W <sup>y</sup> k.	Local Mean Time.		Boston Tide.	Local Mean Time.		N. Y. Tide.	Local Mean Time.	
		SUN R. & S.	MOON R. & S.		SUN R. & S.	MOON R. & S.		SUN R. & S.	MOON R. & S.
				Stand. Time.			Stand. Time.		

SEPTEMBER

1900		LATITUDE OF BOSTON AND CHICAGO.				LATITUDE OF NEW YORK AND PHILADELPHIA.				LAT. OF WASH. CIN. & ST. LOUIS.			
No. of M.	Day of Wk.	Local Mean Time.		Boston Tide.	Local Mean Time.		N. Y. Tide.	Local Mean Time.		N. Y. Tide.			
		SUN R. & S.	MOON R. & S.	Stand. Time.	SUN R. & S.	MOON R. & S.	Stand. Time.	SUN R. & S.	MOON R. & S.	Stand. Time.			

	W. K.	R. & S.	R. & S.	Time.	R. & S.	R. & S.	Time.	R. & S.	R. & S.	Time.
1	SA.	75 24	10 13	3 28	75 26	10 18	0 26	75 28	10 24	
2	<i>u</i>	86 33	11 3	4 21	86 32	11 8	1 20	86 30	11 14	
3	MO.	75 26	morn	5 21	75 28	morn	2 19	75 30	morn	
4	TU.	86 30	0 1	6 25	86 28	0 6	3 23	86 27	0 12	
5	WE.	75 28	1 6	7 33	75 30	1 10	4 29	75 32	1 16	
6	TH.	86 27	2 17	8 36	86 25	2 20	5 33	86 24	2 25	
7	FR.	75 30	3 32	9 33	75 32	3 34	6 31	75 33	3 38	
8	SA.	86 23	4 47	10 28	86 22	4 48	7 23	86 20	4 50	
9	<i>u</i>	75 33	rises.	11 14	75 34	rises.	8 8	75 35	rises.	
10	MO.	86 20	6 51	11 59	86 18	6 53	8 57	86 17	6 56	
11	TU.	75 35	7 27	0 23	75 36	7 30	9 45	75 37	7 34	
12	WE.	86 16	8 7	1 11	86 15	8 11	10 30	86 14	8 16	
13	TH.	75 37	8 53	2 1	75 38	8 58	11 21	75 39	9 3	
14	FR.	86 13	9 45	2 54	86 12	9 50	.....	86 11	9 56	
15	SA.	75 39	10 41	3 50	75 40	10 46	0 49	75 41	10 52	
16	<i>u</i>	86 9	11 40	4 51	86 9	11 45	1 50	86 8	11 50	
17	MO.	75 41	morn	5 55	75 42	morn	2 53	75 42	morn	
18	TU.	86 6	0 40	6 57	86 5	0 44	3 54	86 5	0 49	
19	WE.	75 43	1 41	7 55	75 44	1 44	4 50	75 44	1 49	
20	TH.	86 2	2 41	8 43	86 2	2 43	5 40	86 1	2 47	
21	FR.	75 45	3 41	9 28	75 46	3 42	6 26	75 46	3 45	
22	SA.	85 59	4 40	10 10	85 59	4 40	7 7	85 58	4 42	
23	<i>u</i>	75 47	5 38	10 48	75 48	5 37	7 43	75 48	5 38	
24	MO.	85 55	sets.	11 24	85 55	sets.	8 18	85 55	sets.	
25	TU.	75 50	6 26	11 58	75 50	6 29	8 56	75 50	6 33	
26	WE.	85 52	6 56	0 16	85 52	7 0	9 33	85 52	7 4	
27	TH.	75 52	7 30	0 53	75 52	7 34	10 11	75 51	7 40	
28	FR.	85 48	8 10	1 35	85 48	8 15	10 51	85 49	8 21	
29	SA.	75 54	8 58	2 18	75 54	9 3	11 36	75 53	9 9	
30	<i>u</i>	85 45	9 52	3 5	85 45	9 57	0 2	85 45	10 3	





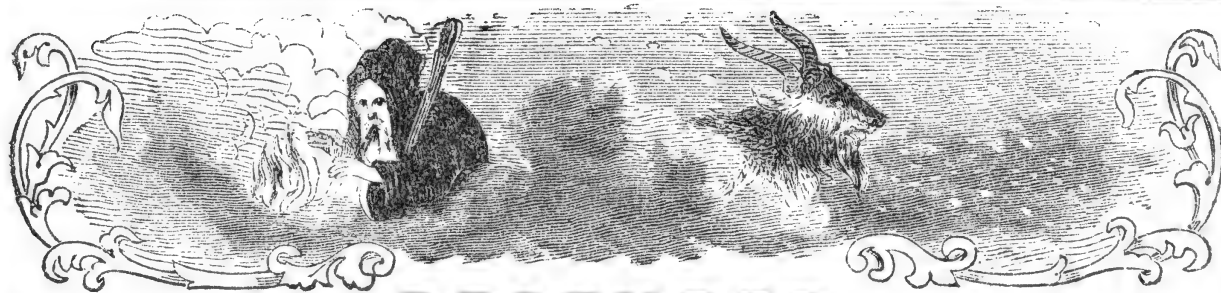
1900		LATITUDE OF BOSTON AND CHICAGO.			LATITUDE OF NEW YORK AND PHILADELPHIA.			LAT. OF WASH. CIN. & ST. LOUIS.		
D. of M.	Day of W'k.	Local Mean Time.		Boston Tide.	Local Mean Time.		N. Y. Tide.	Local Mean Time.		
		SUN	MOON		SUN	MOON		SUN	MOON	
		R. & S.	R. & S.	Stand. Time.	R. & S.	R. & S.	Stand. Time.	R. & S.	R. & S.	

## NOVEMBER

1900		LATITUDE OF BOSTON AND CHICAGO.			LATITUDE OF NEW YORK AND PHILADELPHIA.			LAT. OF WASH. CIN. & ST. LOUIS.	
D.O.F.M	Day of W'k.	Local Mean Time.		Boston Tide.	Local Mean Time.		N. Y. Tide.	Local Mean Time.	
		SUN R.&S.	MOON R.&S.	Stand. Time.	SUN R.&S.	MOON R.&S.	Stand. Time.	SUN R.&S.	MOON R.&S.

1	TH.	r6	33	0	2	5	32	r6	30	0	4	2	30	r6	27	0	7
2	FR.	s4	53	1	13	6	35	s4	56	1	14	3	32	s4	59	1	16
3	SA.	r6	35	2	26	7	36	r6	32	2	26	4	32	r6	29	2	27
4	<i>M</i>	s4	51	3	41	8	36	s4	54	3	40	5	33	s4	57	3	39
5	Mo.	r6	38	4	57	9	33	r6	34	4	55	6	31	r6	31	4	53
6	Tu.	s4	48	6	13	10	28	s4	52	6	9	7	24	s4	55	6	7
7	We.	r6	40	rises.	11	19	r6	37	rises.	8	13	r6	33	rises.			
8	Th.	s4	46	6	15	....	s4	49	6	20	9	8	s4	53	6	26	
9	Fr.	r6	43	7	15	0	35	r6	39	7	20	9	59	r6	36	7	26
10	SA.	s4	44	8	18	1	27	s4	47	8	22	10	47	s4	51	8	28
11	<i>M</i>	r6	45	9	22	2	18	r6	42	9	26	11	38	r6	38	9	30
12	Mo.	s4	42	10	24	3	6	s4	45	10	27	0	3	s4	49	10	31
13	Tu.	r6	48	11	25	3	56	r6	44	11	27	0	55	r6	40	11	30
14	We.	s4	40	morn	4	46	s4	44	morn	1	44	s4	48	morn			
15	Th.	r6	50	0	25	5	37	r6	46	0	26	2	35	r6	42	0	28
16	Fr.	s4	38	1	25	6	28	s4	42	1	25	3	26	s4	46	1	26
17	SA.	r6	53	2	23	7	18	r6	49	2	22	4	15	r6	44	2	22
18	<i>M</i>	s4	36	3	21	8	7	s4	40	3	19	5	4	s4	45	3	18
19	Mo.	r6	55	4	19	8	53	r6	51	4	16	5	51	r6	47	4	14
20	Tu.	s4	35	5	18	9	38	s4	39	5	14	6	36	s4	44	5	11
21	We.	r6	58	6	18	10	23	r6	54	6	14	7	20	r6	49	6	9
22	Th.	s4	33	sets.	11	6	s4	38	sets.	8	0	s4	42	sets.			
23	Fr.	r7	0	5	43	11	48	r6	56	5	48	8	45	r6	51	5	54
24	SA.	s4	32	6	39	0	10	s4	37	6	44	9	31	s4	41	6	50
25	<i>M</i>	r7	2	7	41	0	55	r6	58	7	45	10	15	r6	53	7	51
26	Mo.	s4	31	8	46	1	42	s4	36	8	49	11	0	s4	40	8	54
27	Tu.	r7	5	9	54	2	29	r7	0	9	57	11	48	r6	55	10	0
28	We.	s4	30	11	3	3	16	s4	35	11	4	0	14	s4	39	11	7
29	Th.	r7	7	morn	4	8	r7	2	morn	1	7	r6	57	morn			
30	FR.	s4	29	0	12	5	4	s4	34	0	12	2	2	s4	39	0	14





## DECEMBER

MOON'S PHASES. (In Standard Time.)			EASTERN DIVISION.			CENTRAL DIVISION.		
FULL MOON.....	6d.	5h. 38m. A.M.	6d.	4h. 38m. A.M.		6d.	4h. 38m. A.M.	
LAST QUARTER.....	13d.	5h. 42m. P.M.	13d.	4h. 42m. P.M.		13d.	4h. 42m. P.M.	
NEW MOON.....	21d.	7h. 1m. P.M.	21d.	6h. 1m. P.M.		21d.	6h. 1m. P.M.	
FIRST QUARTER.....	28d.	8h. 48m. P.M.	28d.	7h. 48m. P.M.		28d.	7h. 48m. P.M.	

1900		LATITUDE OF BOSTON AND CHICAGO.		LATITUDE OF NEW YORK AND PHILADELPHIA.		LAT. OF WASH. CIN. & ST. LOUIS.	
D. of M.	Day of Wk.	Local Mean Time.		Local Mean Time.		Local Mean Time.	
		SUN R. & S.	MOON R. & S.	SUN R. & S.	MOON R. & S.	SUN R. & S.	MOON R. & S.
1	SA.	17 9	1 23	6 5	17 4	1 22	3 3
2	S	17 9	2 36	7 8	17 4	2 34	4 5
3	MO.	17 11	3 49	8 10	17 6	3 46	5 7
4	TU.	17 11	5 2	9 11	17 6	4 58	6 9
5	WE.	17 13	6 14	10 10	17 8	6 9	7 7
6	TH.	17 13	rises.	11 4	17 8	rises.	7 57
7	FR.	17 15	5 56	11 53	17 10	6 1	8 50
8	SA.	17 15	7 2	0 18	17 10	7 6	9 40
9	S	17 17	8 7	1 5	17 12	8 10	10 24
10	MO.	17 17	9 10	1 51	17 12	9 12	11 8
11	TU.	17 19	10 12	2 35	17 14	10 13	11 53
12	WE.	17 19	11 13	3 18	17 14	11 13	0 16
13	TH.	17 20	morn	4 3	17 15	morn	1 2
14	FR.	17 20	0 12	4 50	17 15	0 11	1 48
15	SA.	17 22	1 10	5 38	17 17	1 9	2 36
16	S	17 22	2 8	6 29	17 18	2 6	3 26
17	MO.	17 23	3 7	7 23	17 18	3 4	4 18
18	TU.	17 23	4 7	8 15	17 18	4 3	5 12
19	WE.	17 25	5 6	9 6	17 20	5 1	6 4
20	TH.	17 25	6 2	9 56	17 20	5 57	6 54
21	FR.	17 26	6 55	10 45	17 21	6 50	7 40
22	SA.	17 26	sets.	11 31	17 21	sets.	8 26
23	S	17 27	6 36	....	17 21	6 40	9 13
24	MO.	17 27	7 44	0 38	17 21	7 47	9 58
25	TU.	17 28	8 53	1 24	17 22	8 55	10 42
26	WE.	17 28	10 3	2 10	17 23	10 4	11 28
27	TH.	17 28	11 14	2 55	17 23	11 14	....
28	FR.	17 28	morn	3 44	17 23	morn	0 43
29	SA.	17 29	0 25	4 38	17 24	0 23	1 37
30	S	17 29	1 36	5 40	17 24	1 33	2 38
31	MO.	17 29	2 47	6 46	17 24	2 43	3 43

Ther. MONDAY, JAN. 1, 1900 Wea.

3 1/2 Roll. A.

1 trial of focus. 1899. - smallest stop.  
2. 1900. Feb. 10. 4.30 pm. western sky. lat.  
ab. 24° N. - smallest stop.

3 do do do

4 Feb 10. 5 pm do do

5-8 " 11 3.30 pm find will on the Pherson. 2 stop  
9 " 12 7 am. "Texas" in harbor S. Juan

Ther. TUESDAY 2 Wea.

10 " " 10 am San Juan, Plaza Alf. x 11.  
11 " " " " Sted. Crist. Colon  
12 " " " " Old fortific: San Christobal.

Roll B.

13(i) Slaughterhouse outside of S. J. 11.30 am Feb 12  
14(ii) Feb. 12. effect of trade wind on trees  
road leading to San Juan. 1 pm.

15(iii) Suburban narrow-gauge train. S. J. 1.15  
Ther. WEDNESDAY 3 Wea.

16(iv) Workwomen returning from town 1.30

17(v) Rolling a road bed S. J. 2

18(vi) Old Church, S. J. 3 pm

19(vii) " Street " "

20(viii) Calle de Tetuan, " 4 pm

21(ix) The Pherson leaving a harbor cloudy 4.30

22(x) Feb 13. Immigrants, marchers near Catania 2.30

23(xi) " Drink Indian beer, harbor S. J. 5

24(xii) " " " " "



1900

Ther.

THURSDAY, JAN. 4, 1900

Wea.

Feb. 5 x 7

1 (i) Feb. 14. "Scott emulsion," San Juan C.R.

11.15 am sun. 64. 100.

2(ii) - 17. View across the bay San Juan towards  
Cataño, 64. 10 sec. yell col. some 8 am.

3 (iii) " 20 View of El Yunque from Rio Grande,  
bank of road. 4 pm. inst. 64.

4 (iv) 28 Camp d Yinequa: 1200 ft  
Ther. 70 FRIDAY 5 Wea. b  
put into boat 9.30 am  
fog. 64. 15 sec.

5(ix) view of camp. do do do.

5 (ix) view of camp. Dr Dr No.  
6 (v) Mch 1. Catalina Plantation 3.30 pm  
64. mm. 1/2 sec.

7 (iv) Moh 22. Viquez. View of Isabella ii  
from fort (flag staff) 4.15 pm. incl. 60.

9. (i) Mehrz. Fort ferner strukt. in Kachulla ö. Vigna

Ther. SATURDAY 6 Wea.  
inst. 44. 2.30 pm sun.

10 (ii) Male 26. Virques, Hotel Ricardo Ortiz. 20. 20. 20.

11 (iii) + 27 • Old Fort from direction  
of Sugar mill To do

12 (iv) a. 1. Lemon Sugar 330 do do

13 (v) Apr. 14. Adjuntas: Fonda Colonial  
10 am. sur west. 64.

14(Vi) Apr. 16. Ponce. Large tree outside of  
city. 1 row on each side. 44.

Ther. SUNDAY, JAN. 7, 1900 Wea.

Ther.

SUNDAY, JAN. 7, 1900

Wea.

3 1/2 x Roll C.

San Juan P. R.

25 (i) Feb. 14. Market. cloudy mist 10 am

26 (ii)

27 (vis) Culón de Fari, Pueblo Viejo, entrance to  
cave. time. smallest stop.

28 (iv) Feb. 16. Ferry slip, Cataño, inst. sm. stop!

29 (v) "train for Bayamon" " " " " " " " " " " " "

Ther. MONDAY 8 Wea.  
30 (vi) • Street in Payamon inst. 4 mi

30/vi, • Street in Paganon inst. 4 Nov

91 (vii) " Went in S. J. from our hotel balcony. " 5 pm

32 (viii) 17. - Inside bat cave, flash light  
+ superimposed: little girl from Pueblo  
Viejo, 4 yrs. old.

37 (ix) same girl

34(x) = 18. - Carnival scene in street, S. J.  
6 pm! inst. shady side!

35 xi - 19. Palacio S.J. part facin N. 11 am

Ther. TUESDAY 9 Wea.  
36(xii) - S. J. leaves from N. gate of Palace.

11 am. part cloudy

Roll D. daily

33 (i) ~~Plot~~ 19. part of sea wall. S. J. from  
east gate of Palacio. 11.30 pm.

38 ii. Feb-20. La Carolina: women on horseback

Plaza, El Yunque in background.

40. ... team



Ther. WEDNESDAY, JAN. 10, 1900 Wea.

15(Vii) Apr. 17. ~~Trinidad House, Ponce~~  
8 pm.

15(Vii) Apr. 17 Looking down the Cayon  
River, P.R., 12.15 pm Sun inst. 44.

16(Viii) Apr. 17. View on Military road  
near Cayon. 4 pm. inst. 44 Sun

Ther. THURSDAY 11 Wea.

17(ix) Apr. 22. Santiago de Cuba from  
deck of S.S. noon. sun. yellow  
screen 2 oc.

Ther. FRIDAY 12 Wea.

Ther. SATURDAY, JAN. 13, 1900 Wea.

3 1/2 (Roll D)  
41(v) Feb. 21. Mameyes: our pack train  
ready to start, in front of our house  
10.30 am.

42(vi) . . . native hut.

43(vii) Feb. 25. Our caravane on the road  
44(viii) to El Yunque 7.30 am.  
45(ix)

Ther. SUNDAY 14 Wea.

46 x = 527 204 } ~~unlabeled~~?  
47 xi . . . 5 }  
48

Roll E:

49(i) Mch 3. Catalina Plant. Steam  
before starting 11.40 am

50(ii) Santiago, the Hindu cork do.

51(iii) Our road to Managua 12.30

52(iv) Sugar mill at Mameyes with El Yunque

Ther. MONDAY 15 Wea.  
4 back ground 1.45 pm 2<sup>o</sup> stop.

53(v) Luperillo Mch 9 2 pm the house of misery  
and rats.

55(vii) Fajardo, Mch 15. 8 am Hotel Holst.

56(viii) - Orizaba came from friend  
to mill.

57(ix) Freight in the sugar



Ther.

TUESDAY, JAN. 16, 1900

Wea.

Ther.

WEDNESDAY 17

Wea.

Ther.

THURSDAY 18

Wea.

Ther.

FRIDAY, JAN. 19, 1900

Wea.

3 1/2 (Roll E. corinth)

58(x) Crossing the Rio Grande di Boiza,

Mch. 15; just before La Carolina

59(xi) Mch 16. San Juan. Casa Blanca and entrance  
to harbor from porch of hotel Mayflower

8 am.

60(xii) Mch 17. S. Ju. View from hotel balcony into  
some "back yard gardens" 11 am.

Ther.

SATURDAY 20

Wea.

Roll. F.

61(i) Mch. 17. S. Ju. Similar to 60, being a banana  
"garden" similarly situated. 11<sup>30</sup> am.

62(ii) Mch 17. View of Hotel de Vigueres.

63(iii) Mch 17. View of Hotel de Vigueres.

64(iv) Mch 17. View of Hotel de Vigueres.

65(v) Mch 17. View of Hotel de Vigueres.

66(vi) Mch 17. View of Hotel de Vigueres.

Ther.

SUNDAY 21

Wea.

67(vii) El Yunque from Steamer's Deck nearly  
aboard. Mch 29. 1.30 pm. 2 stop.

68(viii) Morris Castle, San Juan from  
69(ix) Steamer. 4 pm Mch 29. Cloudy  
70(x)  
71(xi)

72(xii) View of San Juan do do do.



Ther.

MONDAY, JAN. 22, 1900

Wea.

Ther.

TUESDAY 23

Wea.

Ther.

WEDNESDAY 24

Wea.

Ther.

THURSDAY, JAN. 25, 1900

Wea.

Roll. G.

73 (i) Viga baja - from RR. Mch 31. 4.20 pm

74 (ii)

75 (iii) Arcebo, April 1. 8.30 am ~~Arcebo~~  
river at Arcebo. 2 stops. inst. sun

76 (iv) Arcebo; Fishing with seine Apr. 1. 9 am

77 (v) 2 stops inst. sun

78 (vi)

Ther.

FRIDAY 26

Wea.

79 (vii) Dragging the boat ashore do do do

80 (viii) Fishing village at mouth river Arcebo. 9.30 am. large sky sun.

81 (ix) Cactus and vine-covered rocks near do do

82 (x) Plaza & Church, Arcebo, Apr. 1. 3.10 pm day

83 (xi) Hotel Vinda de Gaudia " " "

84 (xii) Plaza de la Marina " " "  
with monument a los Victorrojos 1898!

Ther.

SATURDAY 27

Wea.

Roll. H.

85 (i) Arcebo. Apr. 2. 12 noon. The <sup>U.S.</sup> telegraph  
operator Enrique L. Diascorchea,  
Aguadillo, P.R., on hotel balcony, shade

86 (ii) Arcebo. Apr 5 Cavalcade 9 am

87 (iii)

88 (iv) " Cactus cane 10 am



Ther.

SUNDAY, JAN. 28, 1900

Wea.

Ther.

MONDAY 29

Wea.

Ther.

TUESDAY 30

Wea.

## PRECIOS.

Por 3 retratos en porcelana	\$ 3.00
" 6 "	" 5.00
" 12 "	" 9.00
Retratos en celluloid á igual precio	
1 Retrato cristal sin marco	" 1.50
1 " " con "	" 2.50
1 Medallon con retrato	" 2.00
1 Porcelana en colores	" 2.00
12 Mignon celluloid	" 6.00
6 Idn Idn	" 4.00
1 Retrato en cristal Excelsior y marco	" 4.00
1 Trasparencia en colores	" 6.00
Marcos plush para porcelana	" 2.00
Idn Idn Excelsior	" 3.00

Recibe ordenes en el estableci-  
miento de Don Luis Cintrón  
Permanecerá en Fajardo solo 15  
dias

104 (viii) 15 Cagay: Hotel 'Vega' 7am

1/5  
do do.  
per  
agudo

sun

1/2

1/2

1/2

1/2

1/2

1/2

12 Horn



Ther.

SUNDAY, JAN. 28, 1900

Wea.

Ther.

MONDAY 29

Wea.

Ther.

TUESDAY 30

Wea.

Ther.

WEDNESDAY, JAN. 31, 1900

Wea.

89(v) View on the road leading to  
Utunado. 12.30 cloudy. Apr 5

90(vi) Outcrops on the road. \$1.45 do do.

91(vii) Apr. 7. Utunado. Plaza. volcano. 3.15 pm

92(viii) Casa de Huéspedes de E. Agudo  
do. do do.

93(ix) part of town & plaza from Church

94(x) 8 Utunado: market Sunday morning 9 am sun

Ther.

THURSDAY, FEB. 1

Wea.

95(xi) cemetery, main street

96(xii) Royal Palace in front of cemetery.

Roll I.

97(i) April 12 View on road between  
Utunado & Adjuntas about  
halfway

98(ii) different part of road  
(rain)

99(iii) scene along road, cloudy

Ther.

FRIDAY 2

Wea.

100(iv) Adjuntas: Judas Iscariot being  
chased thru the town. 9.30  
am. sun. April 14

101(v) Apr. 15 top of pass bet. Adj & Ponce  
train. 9.30

102(vi) 17 Ponce, Post Office 8 am.

103(vii) Corroo Warming day 12 noon

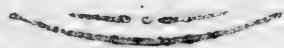
104(viii) 18 Cagoy: Hotel 'Viga' 7 am



# PRECIOS.



Por 3 retratos en porcelana	\$ 3.00
„ 6 „ „ „	„ 5.00
„ 12 „ „ „	„ 9.00
Retratos en celluloid á igual precio	
1 Retrato cristal sin marco	„ 1.50
1 „ „ con „	„ 2.50
1 Medallon con retrato	„ 2.00
1 Porcelana en colores	„ 2.00
12 Mignon celluloid	„ 6.00
6 Idn Idn	„ 4.00
1 Retrato en cristal Excelsior y marco	„ 4.00
1 Trasparencia en colores	„ 6.00
Marcos plush para porcelana	„ 2.00
Idn Idn Excelsior	„ 3.00



*Recibe ordenes en el estableci-  
miento de Don Luis Cintrón  
Permanecerá en Fajardo solo 15  
dias*



*ESPECIALIDAD EN TRABAJOS SOBRE PORCELANA Y CELLULOID.*

*MICROFOTOGRAFÍA. Medallones Indelebles.*

*TRANSPARENCIAS EN COLORES*

*TRANSPARENCIAS EN TONOS NEGROS.*



**FRANK M. NADAL,**

**« Fotografo »**

**RECIBE ÓRDENES EN** .....



*SE HACE CARGO DE CUALQUIER TRABAJO FOTOGRÁFICO POR DIFÍCIL QUE SEA.*

*OFRECE SUS SERVICIOS Á DOMICILIO.*

*PRECIOS SUMAMENTE MÓDICOS.      GARANTIZA SUS TRABAJOS.*



TELEGRAMA RECIBIDO.  
TELEGRAM RECEIVED.

U. S. SIGNAL CORPS.  
CUERPO DE SEÑALES DE LOS E. U. A.

FORM 125.

No. No.	SENDER. TELT <sup>a</sup>	RECEIVER. TELT <sup>a</sup>	TIME. TIEMPO.

CHECK  
PALABRAS }

3-1578

DE  
FROM }

FECHA  
DATE }

TO  
A }

Mr Stejneger and other gentlemen

I get here your zapas Concho.

get 5 apen please come here to

the office

Operator



El Gobierno no acepta responsabilidad por el servicio de la correspondencia telegráfica privada, ni responde de la identidad de la persona que los consigna, ni indemniza los perjuicios que pudieran resultar del retraso, mala interpretación de los textos ó pérdida de los despachos.

---

The Government will not be responsible for errors in transmission of telegrams, nor for the identity of the person to whom it is addressed, nor for the indemnity in cases arising from delay, misinterpretation, or loss of telegrams.

---

The following tariff will be collected for messages transmitted over the telegraph lines of the Island of Puerto Rico:

Telegrams between any points on the island, 2 cents per word.

Heliograph messages will be charged an additional two cents per word.

“*Press Specials*” will be charged for at the uniform rate of one cent per word between any points on the Island of Puerto Rico.

Address and signature to be counted.

The minimum charge on any message will be the regular tariff for ten words.

---

Se cobrará la siguiente tarifa por mensajes que vayan por las líneas telegráficas en la Isla de Puerto Rico.

Telegramas entre cualesquiera puntos en la isla, dos centavos por palabra.

Mensajes por heliógrafo pagarán dos centavos adicionales por palabra.

Se han de incluir el sobrescrito y la firma.

La tarifa minima será de diez palabras.

“*Especiales de Prensa*” se cobrarán á un centavo por palabra, en todo la Isla de Puerto Rico.



# COMPANIA DE LOS FERROCARRILES DE PUERTO-RICO.

## ≡ITINERARIOS DE TRENES≡

DESDE 12 DE ENERO DE 1900.

«0»

### LINEA DE SAN JUAN á CAMUY.

KM.	ESTACIONES	CORREO N° 1. DIARIO.			MIXTO N° 3. DIARIO.			KM.	ESTACIONES	CORREO N° 2. DIARIO.			MIXTO N° 4. DIARIO.		
		Lleg. <sup>o</sup>	Pd. <sup>o</sup>	Sal. <sup>o</sup>	Lleg. <sup>o</sup>	Pd. <sup>o</sup>	Sal. <sup>o</sup>			Lleg. <sup>o</sup>	Pd. <sup>o</sup>	Sal. <sup>o</sup>	Lleg. <sup>o</sup>	Pd. <sup>o</sup>	Sal. <sup>o</sup>
"	SAN JUAN	M	"	M	T	"	T	"	CAMUY	T	"	T	"	"	M
5	SANTURCE	6.31	"	6.31	2.24	"	2.24	2	HATILLO	2.31	1	2.32	"	"	"
8	MARTIN PEÑA	6.38	4	6.42	2.32	5	2.37	14	ARECIBO	2.57	8	3.05	"	"	7.52
20	BAYAMON	7.07	1	7.03	3.07	1	3.08	18	CAMBALACHE	3.13	1	3.14	8.02	2	8.04
32	TOA BAJA	7.34	1	7.35	3.40	2	3.42	35	BARCELONETA	3.49	5	3.54	8.47	7	8.54
33	DORADO	7.39	5	7.44	3.47	5	3.52	41	MANATI	4.09	1	4.10	9.12	6	9.18
44	SAN VICENTE	8.06	"	8.06	4.20	"	4.20	54	VEGA BAJA	4.34	1	4.35	9.47	5	9.52
47	VEGA BAJA	8.12	1	8.13	4.28	7	4.35	56	SAN VICENTE	4.41	"	4.41	9.59	"	9.59
58	MANATI	8.37	1	8.38	5.04	5	5.09	66	DORADO	5.03	5	5.08	10.27	5	10.32
65	BARCELONETA	8.53	5	8.58	5.27	7	5.34	68	TOA BAJA	5.12	1	5.13	10.37	2	10.39
82	CAMBALACHE	9.33	1	9.34	6.17	2	6.19	80	BAYAMON	5.39	1	5.40	11.10	1	11.11
86	ARECIBO	9.42	7	9.49	6.29	"	"	88	MARTIN PEÑA	6.04	5	6.09	11.41	5	11.46
98	HATILLO	10.14	1	10.15	"	"	"	94	SANTURCE	6.16	"	6.16	11.54	"	11.54
100	CAMUY	10.19	"	"	"	"	"	100	SAN JUAN	6.27	"	"	12.07	"	"

### AGUADILLA - MAYAGUEZ.

KM.	ESTACIONES	5 CORREO MIXTO. DIARIO.			MIXTO N° 7. DOMINGOS Y DIAS FESTIVOS.			KM.	ESTACIONES	6 CORREO MIXTO. DIARIO.			MIXTO N° 8. DOMINGOS Y DIAS FESTIVOS.		
		Lleg. <sup>o</sup>	Pd. <sup>o</sup>	Sal. <sup>o</sup>	Lleg. <sup>o</sup>	Pd. <sup>o</sup>	Sal. <sup>o</sup>			Lleg. <sup>o</sup>	Pd. <sup>o</sup>	Sal. <sup>o</sup>	Lleg. <sup>o</sup>	Pd. <sup>o</sup>	Sal. <sup>o</sup>
"	AGUADILLA	T	"	T	M	"	M	"	HORMIGUEROS	M	"	M	T	"	T
8	AGUADA	4.35	1	4.36	9.05	1	9.06	10	MAYAGUEZ Cda.	6.24	1	6.25	"	"	1.55
20	RINCON	5.08	1	5.09	9.38	1	9.39	11	MAYAGUEZ Pya.	6.29	3	6.32	1.59	3	2.02
23	CORSICA	5.13	1	5.17	9.46	1	9.47	20	ANASCO	6.56	1	6.57	2.26	1	2.27
30	TRES HERMANOS	5.37	"	5.37	10.07	"	10.07	25	TRES HMNOS.	7.09	"	7.09	2.39	"	2.39
35	ANASCO	5.49	1	5.50	10.19	1	10.20	32	CORSICA	7.29	1	7.30	2.59	1	3.00
44	MAYAGUEZ Pya.	6.14	3	6.17	10.44	3	10.47	35	RINCON	7.37	1	7.38	3.07	1	3.08
45	MAYAGUEZ Cdad.	6.21	1	6.22	10.51	"	"	47	AGUADA	8.10	1	8.11	3.40	1	3.41
54	HORMIGUEROS	6.46	"	"	"	"	"	54	AGUADILLA	8.31	"	"	4.01	"	"

### SAN JUAN - CAROLINA.

KM.	ESTACIONES	MIXTO N° 11. DIARIO.			MIXTO N° 13. DOMINGOS Y DIAS FESTIVOS.			KM.	ESTACIONES	MIXTO N° 12. DIARIO.			MIXTO N° 14. DOMINGOS Y DIAS FESTIVOS.		
		Lleg. <sup>o</sup>	Pd. <sup>o</sup>	Sal. <sup>o</sup>	Lleg. <sup>o</sup>	Pd. <sup>o</sup>	Sal. <sup>o</sup>			Lleg. <sup>o</sup>	Pd. <sup>o</sup>	Sal. <sup>o</sup>	Lleg. <sup>o</sup>	Pd. <sup>o</sup>	Sal. <sup>o</sup>
"	SAN JUAN	T	"	T	M	"	M	"	CAROLINA	M	"	M	T	"	T
3	SANTURCE	5.13	"	5.13	8.38	"	8.38	11	RIO PIEDRAS	7.27	1	7.28	4.07	1	4.08
8	MARTIN PEÑA	5.21	4	5.25	8.46	4	8.50	14	MARTIN PEÑA	7.38	4	7.42	4.18	4	4.22
12	RIO PIEDRAS	5.35	1	5.36	9.00	1	9.01	17	SANTURCE	7.50	"	7.50	4.30	"	4.30
22	CAROLINA	6.03	"	"	9.28	"	"	22	SAN JUAN	8.03	"	"	4.43	"	"

### YAUCO - PONCE.

KM.	ESTACIONES	9 CORREO MIXTO. DIARIO.			MIXTO N° 15. DOMINGOS Y DIAS FESTIVOS.			KM.	ESTACIONES	10 CORREO MIXTO. DIARIO.			MIXTO N° 16. DOMINGOS Y DIAS FESTIVOS.		
		Lleg. <sup>o</sup>	Pd. <sup>o</sup>	Sal. <sup>o</sup>	Lleg. <sup>o</sup>	Pd. <sup>o</sup>	Sal. <sup>o</sup>			Lleg. <sup>o</sup>	Pd. <sup>o</sup>	Sal. <sup>o</sup>	Lleg. <sup>o</sup>	Pd. <sup>o</sup>	Sal. <sup>o</sup>
"	YAUCO	M	"	M	T	"	T	"	PONCE	T	"	T	M	"	M
13	GUAYANILLA	7.01	1	7.02	3.11	1	3.12	15	TALLABOA	5.03	4	5.10	8.56	4	9.00
21	TALLABOA	7.22	4	7.26	3.32	4	3.36	23	GUAYANILLA	5.30	1	5.31	9.20	1	9.21
35	PONCE	8.02	"	"	4.12	"	"	35	YAUCO	6.02	"	"	9.52	"	"

NOTA: Por ahora, y hasta nuevo aviso, los trenes 5 y 6 de la línea de Mayagüez, solo tienen circulación entre Mayagüez y Aguadilla.



Hamburg American Line.  
 La Veloce, vapores italianos.  
 New York y Portorico Steamship Com-  
 pany.  
 Vapores de Sobrinos de Herrera entre  
 Cuba y Puerto Rico.  
 Linea «Serra».  
 Munson Steamship Line.  
 Galveston y P. R. Steamship Line.  
 Vapores costaneros de la New York y P.  
 p. S. S. Co.

#### EN MAYAGUEZ

Hamburg American Line.  
 New York y Portorico Steamship Com-  
 pany.

Linea «Serra».

Vapores de C. Prats y Compañía.

Galveston y P. R. Steamship Line.

Vapores costaneros de la New York y  
 Puerto Rico S. S. Co

#### EN MAYAGUEZ:

Corresponsales del Ntional Board of  
 Underwriterd.

#### EN PONCE:

Corresponsales del Board of Underwri-  
 ers.

Idem del West India & Panamá Cable Co

*Representantes Generales de las siguientes  
 Compañías de Seguros  
 contra Incendios*

La Hamburgo Bremense, de Hamburgo.

La Bailose, de Basilea.

La Aachen y Munich de Aachen.

North Britihs & Mercantile Insurance  
 Co, Londres.

## ASECUROS MARITIMOS

*Unicos importadores en Puerto-Rico de la  
 afamada Harina de trigo marca «ESTRELLA»,  
 de Galveston, Texas.*

Constante surtido de arroces y provisiones  
 de todas clases.

Giran por cable sobre Nek-York  
 y las principales plazas de Eurapa.

## "La Villa de Paris"

Ofrece un selecto surtido de telas de color,  
 propias de camisas, recibidas expresamente pa-  
 ra su Taller de Camisería, donde sirven los en-  
 cargos de este ramo con esmero y prontitud.

En cuellos y puños reciben mensualmente  
 los últimos modelos. Camisetas, Calcetines y  
 géneros de punto las hay á escoger.

**Fernandez Hermano.**

San Juan.

In view of the signal events of the past  
 few weeks and their critical effect upon the  
 destinies of two countries which are, by virtue  
 of authorized pledges, actual and implied, one  
 and the same, it is expedient that the people  
 of the United States should become aware of  
 the memorable pledges made in their behalf  
 at the time of the occupation of our Island;  
 what the National Legislature is doing regard-  
 ing the fulfilment of those obligations; and,  
 lastly, what the people of the Island have a  
 right to expect by way of civil rights and pri-  
 vileges—what they may equitably demand not  
 only for the restoration of their former pros-  
 perity, but for the preservation of their very  
 existence.

In the summer of 'ninety-eight Gen. Nel-  
 son A. Miles and a small army accomplished a  
 practically bloodless victory over an island  
 which had been four hundred years under the  
 yoke of Spain misrule. Instead of enemies,  
 he found only friends; instead of shot and  
 shell, only cheers of welcome, and planting  
 there the flag which was hailed as the symbol  
 of a people's deliverance, he promised "pro-  
 tection not only to the Islanders but to their  
 property"; and "to promote prosperity, and  
 bestow upon them the immunities and bles-  
 sings of the liberal institutions of the Ameri-  
 can Government."

Not content, however, with allowing the  
 people of Puerto Rico to remain in ignorance  
 of their exact *status* as either citizens or sub-  
 jects of their adopted country; deaf to their  
 cries of distress and blind to their imperative  
 needs, the National Congress now proposes to  
 add ignominy to sorrow and injustice to afflic-  
 tion by imposing upon the Island, systems of  
 taxation and vassalage as immoral in principle  
 as they are questionable in purppse; as odious  
 to freedom-loving Americans as they are ob-  
 noxious to the people they oppress, and iden-  
 tical with those which drove the American  
 patriots of '76 to resist and destroy by force of  
 arms the tyrant that imposed them.

Against the express will and wish of the  
 Chief Executive in his last message to Con-  
 gress; against the solemn vows of the soldier who  
 first hoisted the flag of freedom over Puerto  
 Rican soil; against the advice of the honor-  
 able Secretary of War; the Governors Gene-  
 ral of the Island; the recommendations of the  
 President's Special Commissioner; and the  
 United States Consul General to Puerto Rico;  
 against the just demands of the Puerto Rican  
 Delegates; and above all against the combin-  
 ed sentiment of the representative press and  
 seventy-five millions of people, whose expon-  
 ent it is,—an unjust and odious tax measure  
 has passed the House of Representatives, and  
 it is now even proposed to set aside all meas-  
 ures establishing civil government for the Is-  
 land.

The American people and the press, who,  
 thrusting aside all Constitutional questions  
 and all subterfuges or sophistries, have recen-  
 tly, almost with one voice, emphatically dem-  
 anded for Puerto Rico as *her right*, free com-  
 merce with the United States, will be starte-  
 ed and indignant beyond measure to learn that  
 it is now proposed to fling the reduced tariff

so little ago, every good thing under the folds  
 of the American flag?

It arouses the utmost indignation that a  
 million-intelligent Christian people, nearly  
 eighty per cent. of Caucasian birth, long in  
 the enjoyment of the highest rights of repres-  
 entation in the National Cortes of Spain; who  
 have had universal suffrage, municipal auton-  
 omy, and (substantially) free commerce with  
 their sovereign country for years; a commu-  
 nity whose thrift, freedom from debt, virtue,  
 and achievements bespeak its character  
 which freed its slaves on its own motion, and  
 paid for them without murmur; whose ste-  
 adfastness gave it the name, even in Spain  
 of «The Ever Faithful Isle,» must now plea-  
 for those fundamental civil rights which the  
 Fathers of the great Republic declared to be  
 «the inalienable rights» of every man.

To deny immediate stable civil govern-  
 ment to Puerto Rico means (beside the vio-  
 lence done the overwhelming and unanswerable  
 moral considerations which demand it):—

*First.* To continue upon a million people  
 without defensible warrant or excuse, the  
 always blighting and repressive effects of mi-  
 litary government, alike abhorrent to the  
 people of the United States and of Puerto Ri-  
 co, for military government is repugnant to  
 American ideas, is never progressive, and can  
 at most only hope to maintain order and pre-  
 serve the *status quo*. It breeds distrust, sup-  
 presses ambition, stimulates resentment, and  
 destroys every incentive and hope:

*Second.* It means to prevent the inves-  
 tment of capital, the extension of trade-ente-  
 prises, or the development of the resources of  
 the island. Capital will not venture where  
 trade-conditions, government, and laws are  
 not stable and without capital to rehabilitate  
 her ruined interests, restore her industries  
 and develop her resources, Puerto Rico must  
 revert to a state of nature, which in the tropics  
 it requires but a few months of neglect to  
 effect:

*Third.* It means the absence of adequate  
 law to protect person and property, regulate  
 society, and advance agriculture and com-  
 merce:

*Fourth.* It means that no authority can  
 exist for the negotiation of a Territorial loan  
 whereby the Island, pledging its credit and  
 resources, can alone raise the funds *absolutely*  
*essential* for the maintenance of public works  
 and improvements, educational advantages  
 and assistance to the ruined agriculturists  
 upon whose prosperity the very life of the  
 Island must depend. It was to enable Congress  
 to authorize and arrange this loan in the  
 interests of agriculture that the President  
 extended for six months, the prorogation of  
 mortgage foreclosures:

*Fifth.* It means idle and wasted plan-  
 tations, deserted sugar mills and factories,  
 stagnant commerce, a wandering and starving  
 people,—an utterly and cruelly desolated and  
 ruined Island.

Taken by the war-power of this Republic  
 —the most enlightened, resourceful and power-  
 ful of the Nations—into its possession, we



Ther.

SATURDAY, FEB. 3, 1900

Wea.

3 1/2

105 (ix) Apr 19. Part of old sea wall,  
San Juan, with Casa Blanca.  
Sun. Sun. mist

106 (x) " San Juan. Statue of Ponce de Leon in  
Plaza de San Jose. Sun Sun mist

107 (xi) " 22. Santiago de Cuba, Morro Castle at entrance  
7.30 am.

108 (xii) " Ther. Entrance to SUNDAY 4 harbor Wea.  
looking from the inside channel  
towards Morro. Most of Merionne  
visible in water around castle do.  
Roll K.

109 (i) Apr. 22. Santiago harbor: disinfecting boat  
11 am Sun.

110 (ii) " Plaza Church, Santiago 3 pm

111 (iii) " 27 Street in Santiago

112 (iv) " " another [contin May 13]

Ther.

MONDAY 5

Wea.

fine

Left Washington by Box 0 1.15 pm.  
arr. N.Y. 7 pm. acc. by Richmond.  
Stopped at Arthur house where found  
telegram from Dr. Toner about transport  
permit being issued. Spent evening  
with Dr. Toner.

Ther.

TUESDAY, FEB. 6, 1900

Wea.

fine

Got special delivery letter and copy of  
letter announcing transportation. Visited  
Jan 22 where McPherson lives and were  
referred to army building for issue of  
tickets. All our boxes arrived and checked.  
Got tickets. Bought rain cape and summer  
clothing. Spent evening with Mrs. Hannan and  
daughters & Mr. O'Brien.

Ther.

WEDNESDAY 7

Wea.

overcast  
rain.

Went at once to "McPherson" and purchased  
ticket and checked baggage. Then back  
to N.Y. and got letter from Dutch legation  
to governor in Dutch W.I. Exchanged liquor  
tickets in Submarine for transfer ones. Boarded  
McPherson about 12.30 and cast off and  
under way 2.10 pm.

Ther. 62-69 am.

THURSDAY 8

W. fresh s. Wea. cloudy

261 knots at 12 am from Sandy Hook. Lat. N.  
36° 19', Long. 72° 27' W. - Even the  
passage past Waterman did not disturb  
the comparative smoothness of the sea.  
Ports open all day.



165.3

Ther. Wind light FRIDAY, FEB. 9, 1900 clear Wea.

Sea smooth nearly. Temp. of water at noon  $76^{\circ}$  of air  $68^{\circ}$ . Long  $69^{\circ}55'$  Lat.  $31^{\circ}20'$  - 327 knots.

68.5, 8 am Ther.

SATURDAY 10 W. light Wea. clear

Sea smooth, but a long, heavy swell causing a considerable rolling of the vessel. Bright sunshine. Long  $68^{\circ}32'$  Lat  $25^{\circ}59'$  - 332 knots. Temp. 1 pm:  $72.7$  W shifted to S.E.

74, 8 am Ther.

SUNDAY 11 SE fresh Wea.

clear with heavy cloud banks in the east. Pretty big swell, rolling "considerable". Long  $66^{\circ}57'$  Lat  $20.49$  - 324 knots. 1 pm  $75.6$  Fels. Hove to at night when in sight of Morro light

Ther.

MONDAY, FEB. 12, 1900

Wea. fine

At daybreak got in to San Juan, the view passing Morro Castle glorious. Landed after breakfast and at once took <sup>a</sup> rooms in Hotel Inglaterra. Decided not to call on Governor General Davis as the arrival of the transport might keep him busy, and went instead out into the country to San Antonio and beyond. One single bird and a few lizards. A light shower at the noon.

Ther.

TUESDAY 13 not too hot Wea. fine

After breakfast called on Capt. Hansard and then on Gov. Gen., Chief Signal Officer, Major Glassford and head of weather bureau. Then hired a launch and for launch to Catania across the bay. Had self to return to town to keep engagement with Glassford to examine the "museum", so got nothing but a few small lizard. R. was more lucky as he shot 10 birds.

Ther.

WEDNESDAY 14

Wea. similar

with the regular occasional light shower. Morning spent in taking care of <sup>and visiting</sup> specimens, then delivered letter to postmaster, Mr. Davis. After lunch hired a sailboat and two men to take us to Carra di Fari, near the Pueblo Viejo, across the bay. Got stuck in the mud, finally succeeded in landing. Did not succeed in getting any bats, but quite a number of other things.



Ther.

THURSDAY, FEB. 15, 1900 *Similar*

Morning consumed with describing and preparing specimens etc. Called on Maj. Glasford and got answer which left at weather bureau for comparative readings. Called on Quintero with Maj. Clem with regard to storage but failed to find him in. Then visited Glasford's 'Museum' and private Donatich's collection of birds at the barracks (11th Reg. Inf. Camp S.J. Barracks) but failed to get mail.

8 am

Ther.

75-80° FRIDAY 16

Same Wea.

After calling on Maj. Clem from whom got assurance of help in preparing our things, consumed forenoon by packing our things at the hotel. Took 2:30 pm boat to Catón's community with train to Páez, where we visited Dr. Augustin Stahl, a Catholic of German parentage, from whom obtained considerable information and some specimens. Returned in time for supper.

Ther.

70-82° SATURDAY 17 *his*

Wea.

Set out for the same boat as we visited on Feb. 14 and hired a boat for the trip. The sky was cloudless, but unfortunately the light S.E. wind died out almost entirely and we had to take to the oars. Although very high water we had great trouble in getting ashore, and it took us fully 2 hours to get to the cave. After preparing them before we obtained 19 specimens of bats of 3 species, all by shooting. The return trip was quicker in arriving in S.J. after 5 pm. Spent evening in Plaza Principal.

Ther.

SUNDAY, FEB. 18, 1900

Wea. Same

Clear and pleasant weather. Worked all morning skinning bats and labeling and looking after specimens. After lunch walked out to Sauter's visiting Adm. Grinnell & Dr. Gardner returning by train. Wrote letter to M. Blunt of signs of approaching carnival in the State. Long music in the Plaza Principal by municipal band.

Ther.

MONDAY 19

Wea. more cloudy

First saw ~~the~~ weather bureau off. to answer; then Maj. Glasford who promised to see Maj. Clem about transportation; then Capt. McEllen who has been on top of El Yunque last day and who gave us many good points. After dinner with Glasford examined the collection of animals in the boys' orphan asylum, packed and went to the theatre at 8.

Ther.

TUESDAY 20

Wea. fine.

Got up early dispatched mail etc and packed so as to be ready when the ambulance called at 9 am; took our trunks etc to quarters masters took repacked, placed in storage and returned baggage, which took up the time to 12. In mean time had got letters from Mr. Got off at 12.20 pm S.J. and at a good stop on good road to Carolina, where stopped and had lunch & then went to Rio Grande, where we did not see Mr. Just. Beyond R.G. road is bad for a little while, then good to Manizales where arrived 4.20. Took a house; supper; visited schoolmaster.



night good, without insect pests

Ther.

WEDNESDAY, FEB. 21, 1900

Wea.

a brisk but very short shower at 7 am. long palaces about pack horses and until horses and men were collected it became 10.30 before we started. It began to rain in short showers the entire way until we reached the plantation <sup>886'</sup> "Catalina"; Mr. Augustini received us very hospitably, invited us to stay and would send his guide to El Yunque, so we gladly received his invitation and sent the horses back to Managua. At once went collecting with my great success, getting *Todes* and *Andis villosa*, *Amphispiza*, etc.

Ther.

THURSDAY 22

Wea.

During the night we had a series of very hard showers with southerly wind, so that paths and everything else soaking wet so that collecting was very difficult nevertheless we got some good things, 3 *Microglossus* and 1 some *Amphispiza* and a *Spizella*. We are waiting for our guide having a path cleared to the top of El Yunque, but while we wait here is good collecting.

Ther.

FRIDAY 23

Wea.

Still S.E. wind with showers and fog in the mountains rain at the plantation occasionally considerable in volume but brief. The guide with 6 men turned up after breakfast and packing was soon accomplished, followed by a long palaces as to best way of proceeding, and the cost of the affair, the guide going back on his original bargain as the men refused. Notwithstanding that the price was doubled the men quit and the guide is now hunting for others. Fortunately no time was really lost today, as the heavy rain was prohibitive. It cleared in the afternoon, however.

Ther.

SATURDAY, FEB. 24, 1900

Wea.

fine

with only heavy cloudbanks on the eastern horizon. Up before sunrise, packing again, and the old guide and men appearing we started out at 7.20 am, 7 men carrying on their heads our baggage. After a very laborious ascent we finally reached our camp <sup>2863'</sup> by the last water ~~the~~ beneath the steep final rise of the peak El Yunque itself, at 12 noon. Cleared a site and got our tent up, in fact made camp ready, then looked around for specimens. Was at once rewarded for the trip by finding another *Trachycephalus*, undoubtedly additional and possibly new.

Ther.

SUNDAY 25

Wea.

cloudy

during most of the day, but especially in the morning when we had some fog and showers during the night. Consequently postponed the ascent of the peak collecting around camp, but animal life is very scant and with the exception of tree frogs the collections were very meager. Set traps but nothing but snails in them.

Ther.

MONDAY 26

Wea.

foggy

It raining in the morning. Temp. at 1.30 am 63° (corr.) at 5.30 am 62° (corr.) at which time the rain commenced. It continued all day with slight interruptions making collecting impracticable, unprofitable and disagreeable. Got nothing new in my line, but added a number of fine specimens, and described in detail the observations of the Soc. *Hyloides martinicus*.



Ther.

TUESDAY, FEB. 27, 1900

Wea.

same only worse; heavy fog in the morning followed by a continued rain which in the afternoon changed to showers with slight intermissions. In view of the expense and time involved in ~~the~~ <sup>the</sup> reaching this place and that the weather has thus far rendered collecting unprofitable we decided at noon to send one of the boys as messenger to Mr. Agostini asking that the porters for our return be not sent until Saturday next. R. det 2 Myzomys.

Ther.

WEDNESDAY 28

Wea.

continues the same rain and fog, but wind has changed in the morning from SE to NE. At 9 o'clock the porters suddenly appeared, as Mr. Agostini had gone to San Juan and there was nobody at the plantation who could read English. Starting camp at once commenced, while I with one <sup>3350</sup> native ascended the El Yunque in the fog to get a barometric reading at the top. Nothing found. At 11 am the downward march began in a violent rain which lasts until we arrived at the Catalina plantation at 2.30 pm thoroughly soaked. Rain continues at intervals so nothing can be dried out. Developed a few 5x7 pictures in the night.

Ther.

THURSDAY, MAR 1

Wea.

a little better rain with occasional sun glinting, sunny drying and clearing. Later in the day it cleared off so that we succeeded pretty well in having our things dried. Collecting was also quite profitable; I got a Diploglossus and a young Leptodactylus, besides the birds. Developed a real fish at night, fairly successfully and one 5x7

Ther.

FRIDAY, MAR. 2, 1900

Wea. fine.

Nearly the whole day in the woods trying to get birds for R., but with very scant results. Other collecting equally poor, but made some interesting notes on Anolis. One of the peons brought a colubrine snake. Helped R. skin a few birds at night and loaded 5x7 holder which are badly swollen and fishes sticking together!

Ther.

SATURDAY 3

Wea. very fine

and as we reached sea level very hot. Packed early but our train came late and we did not get off until 11.40 arriving in extramuse E. Did of Lequillo at 3.30 hardly without a stop. Grand palace ind. about house, Panitri's mother's not being exactly to our taste. The heat was great and walking the shadeless road did not improve matters and perhaps the water of a whole morning did not contribute, except I had a terrible headache with fever.

Ther.

SUNDAY 4

Wea. off and

on showers. The shanty has to be endured. All morning occupied by receiving bats and Sturnella and after noon in skinning and preparing the bones. I felt so bad that I had to give up after skinning the bird and lie down. We have no quinine here, but have taken a couple of lines for as I suspect the attack to be bilious. I am not much better in the morning till 10 to 11.



Ther.

MONDAY, MAR. 5, 1900 ~~Warm~~ Wea. fine

Not feeling quite as much improvement as I expected, the pills acting slowly I decided to take the coach to San Juan and at 10.30 was on the way. At Harlingen took up Mr. Warren D. Manning, a Boston Architect, who had just been to the top of El Yunque, but with the same poor result as we. He stayed one night at the 'cave' and ascended and returned to Carolina the same day. He proved a very pleasant companion and as we both stopped at the *Estacion* we were together. At Rio Piedras we left the coach and took the train in.

Ther.

TUESDAY 6

Wea. fine

Felt a good deal better, and am convinced the whole trouble is biliousness. Called first on Mr. Moran where Mr. Rogers is charge, and accompanying notes we found the *anterior* had worked very slowly, in fact excellent, giving us an approximate height of 3318' by the *in* *son* tables. Then called on Maj. Glanville and returned answers to him. Considered it wise to keep quiet during the hot part of the day and rested accordingly. Later called on Mr. Agostini and his father in law to thank for hospitality received. Went early to bed. Wrote the long letter to M., got two from her. It load off my heart!

Ther.

WEDNESDAY 7

Wea. began

with heavy showers but wind up fine. Sent nearly all forenoon at P.O. waiting for distribution of mail by transport in this morning. Finally at 1 pm got letter from M. with enclosed one from Anna Carlson. and news of Ann's moving to New York. Good for him, sad for us! Mr. Manning left on S.S. San Juan this afternoon. Am easily tired and weak-kneed, otherwise apparently well, though slept not at all last night. Left S.J. at 5 pm. train crew arrived in Carolina shortly before 6. Stayed at the boarding place of the American trader, Mr. Edwards, from Texas; called on pharmacist

Ther.

THURSDAY, MAR. 8, 1900

Wea. rain

in squalls; rivers very swollen, roads bad, took in some water in coach in finding Rio Grande. Left Carolina in the mail coach at about 9.30 am. Driver on the way told one Richmond <sup>some</sup> ~~one~~ <sup>said to be</sup> very sick with fever. As the grip is epidemic on the island I got at the drugstore in Rio Grande, bought additional quinine and phenacetine. Lunched well at hotel in Rio Grande. Arriving in Aguillo at 2.30 found R. in bed better, but with considerable pain. Towards evening he improved somewhat. I hope to get him away from here tomorrow. I have a raging head ache in the temples.

Ther.

FRIDAY 9

Wea. fine

R. had a little sleep, and so had I, so little a little better this morning; will try to get out of this hole. Arranged to have an *estrem* come for our baggage at 1.30, and pulled as we were we got our things together in time and sent the *estrem* with *Andres* ahead, then waited for the mail coach. But as bad luck would have it it was full and we were in a fix out of which the *alcator* offered to help us at twice the coach rates. We accepted gladly, and after some delay - they could not find the key to the coach house - went away at 3.40 in his rickety rig, arriving in Fajardo at 5 and stopped at Mr. R. Holst's hotel. Discharged *Andres* and *Benito*. R. got stiff neck from ride, felt bad.

Ther.

SATURDAY 10

Wea. fair

R. complains of little sleep, and stiff, painful neck, feels blue and wants to take the boat to San Juan, but upon brightening up later decides to stay. I feel fairly good but weak, but am making efforts to tone up. We are keeping as quiet as we can.



Ther.

SUNDAY, MAR. 11, 1900

Wea.

Immense rains all day, so kept indoors reading and writing. Chest is giving us both trouble. No improvement, no increased strength.

Ther.

MONDAY 12

Wea. fine

cloudy in afternoon.

Had a bad coughing spell this morning, and chest hurts at full inspiration. No added strength, but I look about as normal. Appetite fairly good. Took a stroll during forenoon up into the hills back of town and after lunch R. joined in a trip in the same direction. It is hard work and hot. He got one *Spinolabus*, I nothing. Telegraphed Glasgow for ambulance to take us off Wednesday.

Ther.

TUESDAY 13

Wea. fine.

Trouble in chest not improving; head dull; feeble. Got answer from Glasgow that ambulance cannot be here in time but will be to bring us in Thursday. Went out with R. to try some collecting; he got a *Coccyzus* and went home. I thinking I would test my strength continued out a fine road past the new cemetery about 1 1/2 miles. The miserable ammunition prevented me from obtaining specimens. Returned very tired, with headache and considerable fever.

Ther.

WEDNESDAY, MAR. 14, 1900

Wea. fine.

Our condition unchanged. The ambulance arrived shortly before noon, and reflecting that it holds hardly more than our baggage and that we would scarcely be able to stand the jolting we decided to send it off with our boxes and to take a coach for Rio San Juan tomorrow morning. The fever returned as usual about dinner time: took 10 gr. quinine.

Ther.

THURSDAY 15

Wea. good.

Did so in company with our host Mr. Holst and starting at 8 o'clock were able to reach Rio Piedras in time for a good luncheon before the 2:42 train, so that we were in San Juan before 4 pm stopping this time at the "Keyflower". Went at once to Quartermaster's wharf and ascertained arrival of our goods. The trip was very tiresome, and the horses so poor that we got stalled at all the fords and had to cross the Rio Grande de Loiza in a skiff.

Ther.

FRIDAY 16

Wea. fine

First visited Major Glasgow & Clem and then went to Sgt. Weber, U.S.A., the charge hospital here with intent. Letter from Dr. Humphreys. He examined me very carefully and inclined to regard me now as Dengue fever (I did not know that R. had very great muscular pains, the absence of which only misled Dr. W. dubious). Recommended absolute rest and lying up for some time; otherwise all well. Advised decidedly against going to Puerto Rico tomorrow.



Ther.

SATURDAY, MAR. 17, 1900

Wea. fine

Spent morning writing, while R. was at the museum naming the birds, also hunted around for information, like yesterday for information as to how to get to St. Thomas and when. It was suggested at the custom house that we go to Culibra and take the coast survey s.s. there who goes every Sunday to St. Thomas. - Spent afternoon in very hard work at quartermaster's wharf unpacking and packing P.R. specimens for shipment home, also out of outfit for future trip.

Ther.

SUNDAY 18

Wea. fine

To test our strength we made a trip out to Odayanum to visit the cave and see if we could get any bats. We climbed a steep hill, which fatigued us very much and we found a <sup>small</sup> cave, but no bats. Afterward visited Dr. Stahl, who said he would make special efforts to get two for me. Formerly they were common in the neighborhood, though he himself had never seen or his specimens they were brought him by the farmers. now they are rare, he attributes it to the wrong one, but I doubt. *Ualio nocturnus*.

Ther.

MONDAY 19

Wea. fine

Spent all morning at the quartermaster's wharf packing specimens to be returned with tomorrow's transport. Harder and longer work than might be expected. In the afternoon, with L. Mc. Connick took sailboat for Puerto Viejo for Cueva de Fari in search of bats. Land after the usual trouble on the mudflats. Got 48 specimens representing 5 species, 2 being additional to those obtained previously. Returned at 7 pm.

Ther.

TUESDAY, MAR. 20, 1900

Wea. fine

Went at 9 o'clock to quartermaster's wharf with my bag of bats (40) to inject and place in alcohol as our whole outfit is there. It took almost all forenoon, while R. was at home in the hotel skinning the others. Returning I helped R. cleaning the skulls and pinning up the skins. That kept us busy until some time into the afternoon.

Ther.

WEDNESDAY 21

Wea. fine

With a couple of showers in the morning. Forenoon spent in making good by calls, to governor, Major Clem, Major Crawford, who was out in S.J., Weather bureau, Dr. Weber. Also at custom house where we got Ford's answers in reply to questions for information. Then to steamer Porto Rico and Longfellow, the latter taking in lumber for the "Hale" at Culibra, but as she is going all around the island due at Culibra Sunday, we decided to go to Vieques in the Porto Rico. Bought all our goods from quartermaster's wharf and hotel. Drove and motorist's anxiety. Went aboard the steamer about 4 pm. Left cable message for M. to be delivered tomorrow.

Ther.

THURSDAY 22

Wea. fine

Started 3 am, the P.R. is a high roller, arriving in Pabellón, Vieques, 10 am. Drying goods ashore and to hotel perfect robbery. Hotel fair. At 12 o'clock took a stroll up the country which is dry, scant collecting; hardly any lizards seen, mangrove numerous. Got a number of frogs and tree frogs. Then went to the fort to photo. it for heat. Warfield, in command, but with poor success, the catfishes curbing and coming out of the holders. - Lost a tooth and developed a bad case of hemorrhoids. - 8 years happiness, bless her!



Ther.

FRIDAY, MAR. 23, 1900

Wea. fine

with a shower in the early morning. Perfectly crippled by my leg, so have to stay at home. Mr. Bird of Fajardo last night told me that he would wait to go to Culebra til Sunday when he would take the 'Longfellow', or to go with him and he promises to arrange for a boat taking us to St. Thomas, provided we could not make it in the 'Blake'. To night I learn that he went to Culebra in a boat early this morning, not intending to return here but going directly back to Fajardo, thus leaving us a mean trick as he could easily inform me.

Ther.

SATURDAY 24

cloudy Wea.

Improving, but find it prudent not to exercise too much. Got a large number of boys. Saw a boy. Learn that the 'Blake' has been seen going out from Culebra for St. Thomas. Thus frustrating our plans. Inquiring shows that we would now have to hire a boat at not less than 25 dollars a day and get a special permit for clearing from San Juan. R. and I now held an earnest consultation finding that it would be folly to attempt further to get to Martinique this season and that I am to inform Dr. Tine of our decision.

Ther.

SUNDAY 25

Wea. fine

Spent all forenoon and part of afternoon writing to Dr. Tine setting forth our reasons for abandoning the further trip and to stay in this island. Then wrote to H. to the same effect.

Ther.

MONDAY, MAR. 26, 1900

Wea. fine.

Not busy! Diarrhoea, from water? H. somewhat better. After coffee went along the beach in hunt of St. Lucias and after 2 hours lying on my knees among the pebbles succeeded in bagging 4. 'Longfellow' arrived this morning! 8 el and proceeded to Culebra, 24 hours later than we calculated! A smallpox case in town; Dr. Hagedecker says he will notify us in case of danger of quarantine. In afternoon helped R. skinning birds.

Ther.

TUESDAY 27

Wea. fine,

occasionally clouded over and a very light shower. My trip after coffee was not very successful, a bird, a couple of frogs, dragon flies etc. After lunch took camera out to deBrom's sugar mill and called on the owner. In the evening a man with a sloop belonging in Tortola called on his way from St. Thomas offering passage to Tortola or St. Thomas. Unfortunately it is now too late. I wish he had shown up here last Friday or Saturday.

Ther.

WEDNESDAY 28

Wea. cloudy

part of the time.

Morning limited to a trip after *Lepidoptera* and dragon flies; got only few. At noon learn that the steamer will probably - or possibly - arrive here tomorrow, the agent does not know, so must prepare to get off tomorrow morning for San Juan. Later helped R. skin birds, till 10 pm. - Garrison out searching for Smith!



Ther.

THURSDAY, MAR. 29, 1900

Wea. fine

Left Viçosa at 9:30 am in the "Porto Rico" no sea to speak of, glorious weather. Arr. in San Juan ab. 4:55 pm. Boatmen in spite of protest took us to custom house, as we were coming from Viçosa, but there were no papers, and had custom trouble and delays before we got them to finally land the outfit at the quartermaster's wharf. A young man in the same fix and I finally dragged our baggage into the ware house. After 5 pm. Sun in the tropics, as A. says. Stopping at hotel "Mayflower", old name.

Ther.

FRIDAY 30

Wea. fair

but hot: last night was especially so and I had to leave the sleeping bag for the first time. Worked all forenoon at the quartermaster's wharf moving our stuff into another ware house, repacking and rearranging. Afternoon getting ready for our Aracibo trip, as we intended to take the train for that town tomorrow.

Ther.

SATURDAY 31

Wea. partly

cloudy, but little wind and consequently very, very hot. Called on Glaspord & Mr. Hayes at Weather Bureau. Got away in the train at 2:11 pm arriving at Aracibo 6:30 through the coast plain and miles of sugar cane and skirting the curious domed-hill hills which so abruptly rise from the level on the south side. Aracibo is quite a town with a fine plaza and situated on the sea. Stopped at the widow de Gaudin's boarding house. - The little telegraph operator! Night comfortably cool, but the bed-bugs!!!

Ther.

SUNDAY, APRIL 1, 1900

Wea. fine

during the forenoon, cloudy and in the afternoon and perfectly overcast with

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515		
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	2367	2 1200
	8130	
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	10290 2	2.28
	9466	24.00
	8240	18.85
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24 72 60	18.15	31.8
24 72 60	23.67	229
24 72 60	2.28	576
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	4410	
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	13232	
	2000	
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	8886	
	42940	11829

re considered a safe conclusion but which turned out to be a Myiodes which he had been taking in a bird's nest.



Ther.

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Ther.

SUNDAY, APRIL 1, 1900

Wea. fine

during the forenoon, clouding deep in the afternoon and perfectly overcast with light sprinkling at night. Immediately after breakfast went along the beach to the mouth of Aracibo river which we crossed in a boat. Very poor results. Weather very hot. At noon returned in a boat up the river. After noon called at Mr. Rivra, the druggist, to see his collection but he was not in, called again in the evening with similar result. From 8-10 band playing in the plaza.

Ther.

MONDAY 2

Wea. fine

with a good breeze springing up towards noon. Went out alone this morning to shoot birds on the strip between river and the bay, returning soaked in perspiration with 7 specimens. Afternoon skinning. Haemorrh. rapp. Called on Dr. Rivra the druggist said to have a fine coll. of P.R. animals. Has nothing except some undecomposed beach shells, but may have a *Sapo carcharias* stored away somewhere in the drugstore. Promises to look after it. Night made doubtful by the fleas!

Ther.

TUESDAY 3

Wea. fine,

with a good breeze. Skinned birds all forenoon; h. not improving, so stayed home during afternoon except for a short walk when I got a single *Ameliva*, which here they call "iguana". Our little "telegraph operator" came home excitedly with what he considered a "Sapo carcharias" but which turned out to be a *Hydrobia* which he had been taking in a bird's nest.





# COCHES CORREOS DIARIOS

## ENTRÉ SAN JUAN Y FAJARDO.

### Hora Itineraria de Salida.

De San Juan..... 6 de la mañana.  
" Fajardo..... 8-30 de la mañana.

### Tarifa de precios por asiento.

De San Juan á Fajardo ó vice-versa	\$ 5-00
De " " á Rio-piedras ó "	" 0-50
De Rio-piedras á Carolina ó "	" 1-00
De Carolina á Rio-grande ó "	" 1-00
De Rio-grande á Luquillo ó "	" 1-50
De Luquillo á Fajardo ó "	" 1-00

NOTA.—Fletes de San Juan á Fajardo y vice-versa, y pasajes de ida y vuelta, válidos por 24 horas, el 50<sup>to</sup> de rebaja.  
Estos cómodos coches enlazan, además, por este puerto, con el correo de Vieques.  
Ofremos al público la ventaja de remitir á los pueblos del tránsito pequeños bultos que no excedan de 20 libras de peso, á precios muy limitados. Se recibirán bajo factura garantizando su seguridad. Diríjase á los Agentes.

ADMINISTRADOR GENERAL,

**Jesús E. Blanco,**

SAN JUAN, P. R.



$$\begin{array}{r} 2550 \\ 1295 \\ 1295 \\ 1450 \\ 112 \end{array}$$

4 days 20 k.  
12.1111

$$\begin{array}{r} 12.75 \\ 1450 \\ 1275 \\ 1750 \\ 1275 \\ 4750 \end{array}$$

$$\begin{array}{r} 23.67 \\ 318 \\ 2367 \\ 8130 \\ 7101 \\ 10290 \\ 9466 \\ 8240 \end{array}$$

$$\begin{array}{r} 23.67 \\ 18.15 \\ 23.67 \\ 2.28 \\ 44.10 \end{array}$$

$$\begin{array}{r} 44.10 \\ 5760 \\ 4410 \\ 13500 \\ 13230 \\ 21900 \end{array}$$

$$\begin{array}{r} 44.43 \\ 576.00 \\ 4443 \\ 131700 \\ 8886 \\ 42940 \\ 31101 \end{array}$$

$$\begin{array}{r} 576 \\ 24 \\ 72 \\ 48 \\ 326.8 \end{array}$$

$$\begin{array}{r} 324 \\ 332 \\ 327 \\ 72 \overline{) 983} \quad 13.65 \\ 72 \\ \hline 263 \\ 216 \\ \hline 470 \\ 432 \\ \hline 380 \\ 360 \end{array}$$

12.71 17.15 108  
17.15 17.15 108  
17.15 17.15 108



Ther.

WEDNESDAY, APRIL 4, 1900

Wea. fine.

Went out after breakfast to shoot birds and was kept busy by the antics of a bird which afterwards turned out to be the Pahu Warbler! In afternoon went out for Ameivas, but it being cloudy none were out and I returned empty-handed. Our telegraph operator succeeded later. By noon he promised Sapo Condor before 8 o'clock and at 7.30 he sent word that he had 5 and he was correct this time! A beggar whom he met in the morning he engaged and the 6. made 1 peso.

Ther.

THURSDAY 5

Wea. cloudy

Our telegraph operator came in to say good bye before he left in the morning. Our horses came at 8.30, but it was not until 9.30 that we got out of town. Miserable horses and miserable outfit. We were 7 hours in the saddle without alighting till we arrived in Utrud at 4 pm. extremely fatigued. Stopped at E. Agudo's hotel, apparently O.K. Though it was cloudy most of the time the ride was very hot, as no breeze was stirring, road fairly good and would have been practicable for a coach, which we did not know, unfortunately.

Ther.

FRIDAY 6

Wea.

raining most of forenoon, cloudy and threatening with a light sprinkle during the rest of the day. There being no hope of lizards being out in the rain I did not go out till after noon. Got 18 specimens of 5 species of Anolis and one bird. The slight walk aggravated my haemorrh. however. Dr. L. A. de Gonzague from Laris advised me to go to that place as a good collecting ground and acc. to his information I will give up the trip on Adjuntas and Ponce for Laris.

Ther.

SATURDAY, APRIL 7, 1900

Wea. cloudy

with alternating light sprinkle of rain and sun glints. Went out collecting in the morning with about the same result as yesterday. Though added one species of Anolis, Ameiva and Leptodactylus. After noon took care of them and skinned birds. Haemorrh. bad! Night nice, cool, clearing.

Ther.

SUNDAY 8

Wea. fine

but clouding up in the afternoon. Owing to my haemorrh. I stayed quietly at home all day, fixing up my accounts. There are bad bugs, however, and plenty of them!

Ther.

MONDAY 9

Wea. like yesterday.

A trip up the ravine in the forenoon resulted only in a Toad and a hummingbird. Lizards scarce and only a few boys obtained. Found some sign of the Telegraph office yesterday I intended to telegraph to Mayaguez, but found that the office was abandoned after the hurricane. In the afternoon took another trip and obtained a large number of lizards. more bugs!



Ther.

TUESDAY, APRIL 10, 1900

Wea.

cloudy, followed by a thunderstorm  
and heavy rains <sup>in the afternoon</sup> about 1.30 pm.

Morning collecting trip of but scant  
result. There is no more to be done  
by me. I have nearly made up my  
mind to go home on the 16 next. The  
h. are getting worse and I am  
getting more and more depressed and  
distracted. R. decided to go home Apr 22 if I  
would stay till then so promised to go with him to Adjuntas.  
Wrote M. accordingly. Helped skinning.

Ther.

WEDNESDAY 11

Wea.

Heavy fog in the morning then clearing up,  
but at 11 light rain followed in afternoon  
by thunderstorms. Morning collecting like  
yesterday. In afternoon helped skinning birds.  
Have ordered horses for tomorrow morning  
at 7.

Ther.

THURSDAY 12

Wea.

Excellent at the start, clearing up later with  
occasional showers. Got off at 8 am with  
fair horses on a good road - the new  
one. Scenery fine and everything lovely; only  
in one place the road bad where we had  
to dismount and lead the horses. Arrived  
in Adjuntas at 1.50 pm, having rested  
about 1/2 hour half way up. Set out at once  
to investigate the "lay of the land" and were over-  
taken by a heavy downpour and thunder storm. So  
got no birds, but a number of good lizards. - Host is a Frenchman.

Ther.

FRIDAY, APRIL 13, 1900

Wea. fine.

The morning excursion to the coffee plantation  
resulted fairly well; while R. in the after-  
noon skinned the birds I went out  
again and got some good lizards.

Good Friday procession. Harem getting worse.  
Fleas innumerable and intolerable.

Ther.

SATURDAY 14

Wea. very fine.

Went so far that I have to stay home  
in spite of the glorious weather. - Juras  
on a horse big enough to go through town!  
Went over the reptiles, quite a lot. R. out  
alone tonight in the first Vins letmari. Skinned  
birds in the afternoon.

Ther.

SUNDAY 15

Wea. started

fine in Adjuntas, became soon cloudy.  
Easter celebration or occasion at the hotel in  
Adjuntas. Left that place <sup>at 8 am</sup> in a coach with a  
hack horse and arrived after a fairly comfortable  
ride, though the upper part of the road was very  
bad in places, <sup>at 12.15 pm</sup> where we  
stopped at "Tropical House". Very good.  
Music in the plaza.



Ther.

MONDAY, APRIL 16, 1900

Wea. fair

In order to lose no time in walking for miles and miles before striking decent collecting ground we decided to take a coach by the hour and then went out both before and afternoon quite a distance from town with very good results as R. got quite a number of birds and I 7 species, of which one went to my collection and 8 specimens of *Sphaerodactylus*.

Ther.

TUESDAY 17

Wea. fine

Left Ponce at 8 am in coach for San Juan arriving at Coamo at 11.30 where we lunched. R. then got a cable-gram inquired but apparently from Tona, dated Washington Apr. 13 asking: "When is Stejneger returning?" The long winded ascent on military road to Utuamito very fine as the whole way. Arrived at Cayey 4.45 pm where stopped for the night at Vicente Vega's hotel. Fleas!!

Ther.

WEDNESDAY 18

Wea. fine

Left Cayey at 7.30 am; ride good, road good but somewhat rough. Lunch in Rio Piedras at noon and arrived in hotel Mayflower, San Juan at 2 pm. After having dropped two boxes and picked up my trunk at Amstron-master's wharf. Went first to Postoffice where two letters from M. Then to Glasgow who was not in, but leaving that this week's transport does not leave until tomorrow pm. Decided to go home in it. Worked out at once to make purchase and then commenced packing.

Ther.

THURSDAY, APRIL 19, 1900

Wea. clear

with showers in the morning.

First saw Maj. Allen who promised transportation O.K. but told that the S. The 'Cock' will not sail to tomorrow morning at 9 am. Then to Glasgow who took us to new rooms of museum, in the 'Dunfries' and gave us permission to take a few specimens to Washington on deposit. Then to Amstron-master's wharf where we repacked, then back to the bank again for tickets, then quarantine office for vaccine health certif. etc. etc.

Ther.

FRIDAY 20

Wea. fair

Partly cloudy in S. J. with a light squally but clearing at sea.

Got off as promised at 9 am everything O.K. Had a nice roomy airy stateroom on upper deck, this is civilization again. The 'Cock' seems to be a good vessel, but she does roll! Yet I am perfectly well. Did Doran's S.S.C. do it? I had but little left. To noon 29 miles in 2<sup>h</sup> 28<sup>m</sup>.

Ther.

SATURDAY 21

Wea. fine

Smoother; warm. Passed along Haiti whose mountainous outlines could be plainly seen in the morning. Reached Campbell's 'Circular Notes' Green Lat 20° 24'; Long. 71° 53' W. Dist 318 m speed 13.25



18. 29/12.6

Ther. 77.5 SUNDAY, APRIL 22, 1900 Wea. fair

Came to anchor in Santiago harbor about 7 am. Entrance fine and interesting. Inside perfectly smooth & calm.

229 mi. from New York in 18<sup>h</sup> 15; speed 12.78  
tot dist at sea: 576. avg. speed tot. trip. 12.06.

R. went at once out collecting and brought back 2 hummingbirds and a lot of lizards, so after lunch I went with Amiel, mostly getting a *Todax* and numerous lizards. Evening occupied with packing and note writing. - No discharging at San Diego. - Fortunately no quarantine!!!

Ther. MONDAY 23 Wea.

like yesterday, fine, but hot, though with a good sea breeze towards noon. The collecting trip this morning was fairly successful 2 species of lizards being added. Afternoon notes and revisited etc. - Discharging all day. Departure set for noon tomorrow.

In the evening reception and ball on board!!

Ther. TUESDAY 24 Wea.

fair, no wind nor sea to speak of. Immediately after breakfast which was a bit late because of ball last night, went ashore telegraphed to M. sorted letters, went out into the country and secured a number of lizards; then to market where got baskets and a water jug, and then on board. Got under way from Santiago at 12 noon sharp.

Ther. WEDNESDAY, APRIL 25, 1900 Wea. fair

cloudy, light wind, smooth; wind increasing after 5 pm.

noon: Lat 23.32; long. 74.21 - 309 mi in 23<sup>h</sup> 23<sup>m</sup>  
= 13.2 knots.

Packing between the Bahamas; Watlings about 2.30 pm.

about 50 first class passengers and of Santiago  
Made everything snug for the night.

Corr. Ther. at noon 71° THURSDAY 26 Wea. fair

cool, light wind and sea. a light squall of rain during part of the forenoon. Very comfortable sitting at open door of stateroom reading.

noon: Lat 28.39; long. 74.20 - 307 mi.  
Clearing in the afternoon.

Corr. Ther. at noon 72.5° FRIDAY 27 Wea. fine

"glorious"; clear, cool; a light northerly wind, nearly smooth and no swell.

noon: Lat 33.43; long. 74.03 - 304 mi.

Passengers are pretty in heavier clothes but I find it is yet unnecessary.

Wrote a good book, Lofth's 'Ride in Egypt' and Campbell's 'Lives of the Fathers' time is passing quickly.



Ther.

SATURDAY, APRIL 28, 1900

Wea. fine

but cold (52.5° at 10 am); no sea or swell.

noon: lat. 39.00 long. 74.03 dist 317 m  
to Scotland light ship 87 m. This should  
bring us there by 6.30 pm. We will see. We did

See land at 3 pm.  
4.45 pm. + 56°F.

Dropped anchor at Aquartina 7.45 pm

Ther.

SUNDAY 29

Wea. fine

Got under way 6.30 am  
Wharf N.Y. 8.30.  
Off with Mary 10.00. x. Am  
at Washington 3.00 pm  
arr " 8 "

Ther.

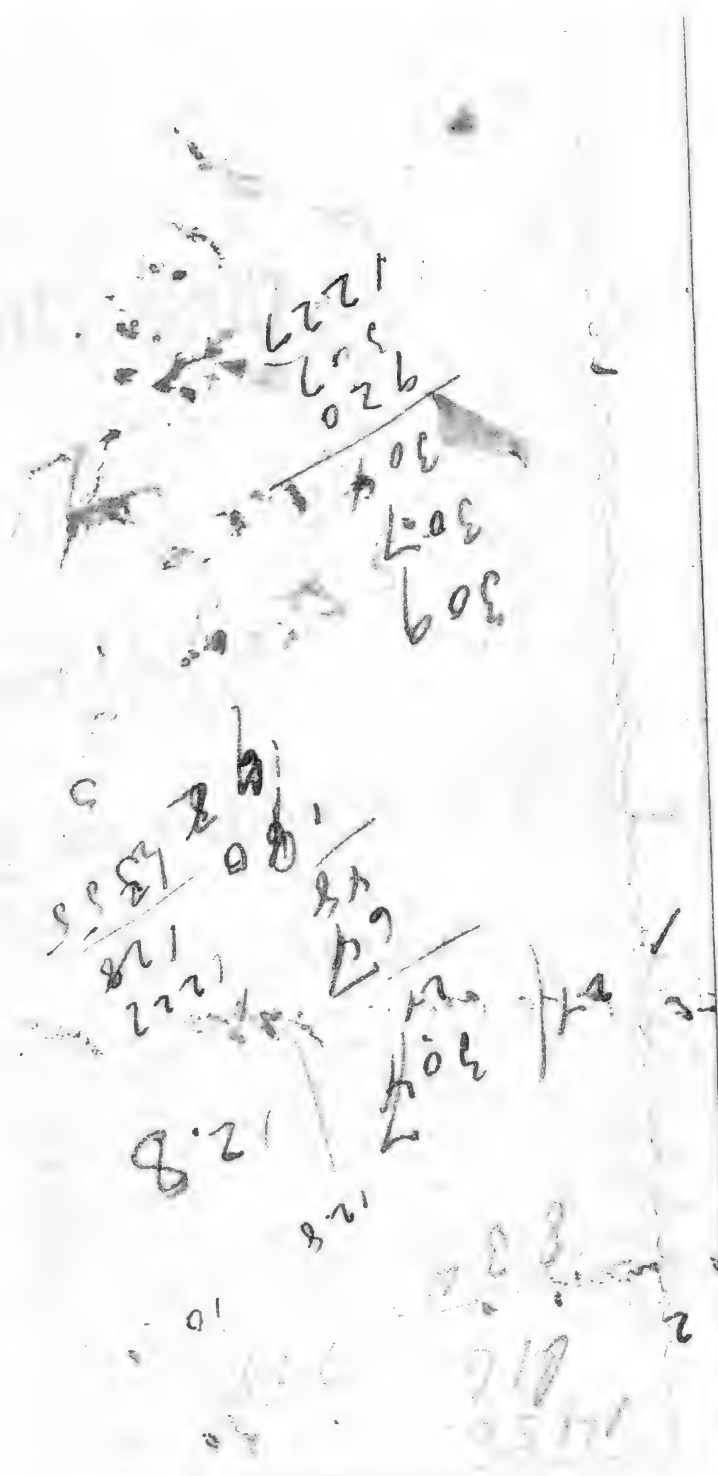
MONDAY 30

Wea.

Ther.

TUESDAY, MAY 1, 1900

Wea.



Wea.

Wea.



Ther. SATURDAY, APRIL 28, 1900 Wea. fine  
but cold (52.5° at 10 am); no sea or swell.

noon: lat. 39.00 long. 74.03 dist 317 m  
to Scotland light ship 87 m. This should  
bring us there by 6.30 pm. We will see if it does.

See land at 3 pm!  
4.45 pm. +56°F.

Dropped anchor at Aqueduct 7.45 pm

Ther. SUNDAY 29 Wea. fine  
Got under way 6.30 am  
Wharf NY 8.00  
Off with Henry 10.00 in a canoe  
for Washington 3.00 pm  
arr " 8 "

Ther. MONDAY 30 Wea.

Ther. TUESDAY, MAY 1, 1900 Wea.

Ther. WEDNESDAY 2 Wea.

Ther. THURSDAY 3 Wea.



251  
3

CUBA SUBMARINE TELEGRAPH COMPANY, LIMITED.

Santiago

24 4 1900

189

Recibido del Sr.

Steiniger

la cantidad de \$

2.48

para

telegrama No.

423

a

Steinger

Brookland DC

Firma

Edward



$$\begin{array}{r} 1324 \\ \hline 87 \\ 317 \\ 304 \\ 307 \\ 309 \\ 78 \\ \hline 1324 \end{array}$$
  

$$\begin{array}{r} 1324 \\ \hline 87 \\ 317 \\ 304 \\ 307 \\ 309 \\ 78 \\ \hline 1324 \end{array}$$
  

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$$\begin{array}{r} 1324 \\ \hline 87 \\ 317 \\ 304 \\ 307 \\ 309 \\ 78 \\ \hline 1324 \end{array}$$
  

$$\begin{array}{r} 1324 \\ \hline 87 \\ 317 \\ 304 \\ 307 \\ 309 \\ 78 \\ \hline 1324 \end{array}$$



Ther.

FRIDAY, MAY 4, 1900

Wea.

Ther.

SATURDAY 5

Wea.

Ther.

SUNDAY 6

Wea.

Ther.

MONDAY, MAY 7, 1900

Wea.

Ther.

TUESDAY 8

Wea.

Ther.

WEDNESDAY 9

Wea.



Ther.

THURSDAY, MAY 10, 1900

Wea.

Ther.

FRIDAY 11

Wea.

Ther.

SATURDAY 12

Wea.

Ther.

SUNDAY, MAY 13, 1900

Wea.

3 1/2 Roll K (contin. from Feb. 4)

24. Merrimac.

do do

To Santiago.

Wea.

on the 'Cook'.

Ther.

TUESDAY 15

Wea.



Ther.

THURSDAY, MAY 10, 1900

Wea.

Ther.

FRIDAY 11

Wea.

Ther.

SATURDAY 12

Wea.

Ther.

SUNDAY, MAY 13, 1900

Wea.

3 1/2 Roll K (contin. from Feb. 4)  
113 (v) Santiago, Cuba. Apr. 24. Merrimac.  
Cloudy - noon.

114 (vi) }  
115 (vii) } Nuevo Carthage do do  
116 (viii) }  
117 (ix) }  
118 (x) } do with Entrance to Santiago.

Ther.

MONDAY 14

Wea.

119 (xi) Apr. 27. Stateroom on the "Cook".

Ther.

TUESDAY 15

Wea.



# STOMATIDÆ

## Engystomas

eth; shoulder-girdle  
sacral lateral pro-

d over the tropical  
two genera entering  
one of which is the  
*Engystoma carolin-*  
forms are terrestrial,  
ground, some are  
arbooreal.



Ther. WEDNESDAY, MAY 16, 1900 Wea.

Ther. THURSDAY 17 Wea.

Ther. FRIDAY 18 Wea.

Ther. SATURDAY, MAY 19, 1900 Wea.

Ther. SUNDAY 20 Wea.

Ther. MONDAY 21 Wea.





Ther.

TUESDAY, MAY 22, 1900

Wea.

Ther.

WEDNESDAY 23

Wea.

Ther.

THURSDAY 24

Wea.

Ther.

FRIDAY, MAY 25, 1900

Wea.

Ther.

SATURDAY 26

Wea.

Ther.

SUNDAY 27

Wea.



Ther.

MONDAY, MAY 28, 1900

Wea.

Ther.

THURSDAY, MAY 31, 1900

Wea.

Ther.

TUESDAY 29

Wea.

Ther.

FRIDAY, JUNE 1

Wea.

Ther.

WEDNESDAY 30

Wea.

Ther.

SATURDAY 2

Wea.



Ther. SUNDAY, JUNE 3, 1900 Wea.

Ther. MONDAY 4 Wea.

Ther. TUESDAY 5 Wea.

Ther. WEDNESDAY, JUNE 6, 1900 Wea.

Ther. THURSDAY 7 Wea.

Ther. FRIDAY 8 Wea.





Ther.

SATURDAY, JUNE 9, 1900

Wea.

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SUNDAY 10

Wea.

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MONDAY 11

Wea.

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TUESDAY, JUNE 12, 1900

Wea.

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WEDNESDAY 13

Wea.

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THURSDAY 14

Wea.



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FRIDAY, JUNE 15, 1900

Wea.

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SATURDAY 16

Wea.

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SUNDAY 17

Wea.

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MONDAY, JUNE 18, 1900

Wea.

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TUESDAY 19

Wea.

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WEDNESDAY 20

Wea.



Ther. THURSDAY, JUNE 21, 1900 Wea.

Ther. FRIDAY 22 Wea.

Ther. SATURDAY 23 Wea.

Ther SUNDAY, JUNE 24, 1900 Wea.

Ther. MONDAY 25 Wea.

Ther. TUESDAY 26 Wea.



Ther. WEDNESDAY, JUNE 27, 1900 Wea.

Ther. THURSDAY 28 Wea.

Ther. FRIDAY 29 Wea.

Ther. SATURDAY, JUNE 30, 1900 Wea.

Ther. SUNDAY, JULY 1 Wea.

Ther. MONDAY 2 Wea.





Ther. TUESDAY, JULY 3, 1900 Wea.

Ther. WEDNESDAY 4 Wea.

Ther. THURSDAY 5 Wea.

Ther. FRIDAY, JULY 6, 1900 Wea.

Ther. SATURDAY 7 Wea.

Ther. SUNDAY 8 Wea.





Ther.

MONDAY, JULY 9, 1900

Wea.

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TUESDAY 10

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WEDNESDAY 11

Wea.

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THURSDAY, JULY 12, 1900

Wea.

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FRIDAY 13

Wea.

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SATURDAY 14

Wea.



Ther. SUNDAY, JULY 15, 1900 Wea.

Ther. MONDAY 16 Wea.

Ther. TUESDAY 17 Wea.

Ther. WEDNESDAY, JULY 18, 1900 Wea.

Ther. THURSDAY 19 Wea.

Ther. FRIDAY 20 Wea.





Ther. SATURDAY, JULY 21, 1900 Wea.

Ther. SUNDAY 22 Wea.

Ther. MONDAY 23 Wea.

Ther. TUESDAY, JULY 24, 1900 Wea.

Ther. WEDNESDAY 25 Wea.

Ther. THURSDAY 26 Wea.



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FRIDAY, JULY 27, 1900

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SATURDAY 28

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SUNDAY 29

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MONDAY, JULY 30, 1900

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TUESDAY 31

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WEDNESDAY, AUG. 1

Wea.



Ther. THURSDAY, AUG. 2, 1900 Wea.

Ther. FRIDAY 3 Wea.

Ther. SATURDAY 4 Wea.

Ther. SUNDAY, AUG. 5, 1900 Wea.

Ther. MONDAY 6 Wea.

Ther. TUESDAY 7 Wea.



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WEDNESDAY, AUG. 8, 1900

Wea.

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THURSDAY 9

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FRIDAY 10

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SATURDAY, AUG. 11, 1900

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SUNDAY 12

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MONDAY 13

Wea.



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TUESDAY, AUG. 14, 1900

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WEDNESDAY 15

Wea.

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THURSDAY 16

Wea.

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FRIDAY, AUG. 17, 1900

Wea.

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SATURDAY 18

Wea.

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SUNDAY 19

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MONDAY, AUG. 20, 1900

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WEDNESDAY 22

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THURSDAY, AUG. 23, 1900

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FRIDAY 24

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SATURDAY 25

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SUNDAY, AUG. 26, 1900

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MONDAY 27

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TUESDAY 28

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WEDNESDAY, AUG. 29, 1900

Wea.

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THURSDAY 30

Wea.

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FRIDAY 31

Wea.



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SATURDAY, SEPT. 1, 1900

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SUNDAY 2

Wea.

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MONDAY 3

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TUESDAY, SEPT. 4, 1900

Wea.

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WEDNESDAY 5

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THURSDAY 6

Wea.



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FRIDAY, SEPT. 7, 1900

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SUNDAY 9

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MONDAY, SEPT. 10, 1900

Wea.

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TUESDAY 11

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WEDNESDAY 12

Wea.



Ther. THURSDAY, SEPT. 13, 1900 Wea.

Ther. FRIDAY 14 Wea.

Ther. SATURDAY 15 Wea.

Ther. SUNDAY, SEPT. 16, 1900 Wea.

Ther. MONDAY 17 Wea.

Ther. TUESDAY 18 Wea.



Ther.

WEDNESDAY, SEPT. 19, 1900

Wea.

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THURSDAY 20

Wea.

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FRIDAY 21

Wea.

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SATURDAY, SEPT. 22, 1900

Wea.

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SUNDAY 23

Wea.

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MONDAY 24

Wea.





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TUESDAY, SEPT. 25, 1900

Wea.

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WEDNESDAY 26

Wea.

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THURSDAY 27

Wea.

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FRIDAY, SEPT. 28, 1900

Wea.

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SATURDAY 29

Wea.

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SUNDAY 30

Wea.



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MONDAY, OCT. 1, 1900

Wea.

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THURSDAY, OCT. 4, 1900

Wea.

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TUESDAY 2

Wea.

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FRIDAY 5

Wea.

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WEDNESDAY 3

Wea.

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SATURDAY 6

Wea.



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SUNDAY, OCT. 7, 1900

Wea.

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MONDAY 8

Wea.

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TUESDAY 9

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WEDNESDAY, OCT. 10, 1900

Wea.

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THURSDAY 11

Wea.

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FRIDAY 12

Wea.



Ther. SATURDAY, OCT. 13, 1900 Wea.

Ther. SUNDAY 14 Wea.

Ther. MONDAY 15 Wea.

Ther. TUESDAY, OCT. 16, 1900 Wea.

Ther. WEDNESDAY 17 Wea.

Ther. THURSDAY 18 Wea.



Ther.

FRIDAY, OCT. 19, 1900

Wea.

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SATURDAY 20

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SUNDAY 21

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MONDAY, OCT. 22, 1900

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WEDNESDAY 24

Wea.



Ther. THURSDAY, OCT. 25, 1900 Wea.

Ther. FRIDAY 26 Wea.

Ther. SATURDAY 27 Wea.

Ther. SUNDAY, OCT. 28, 1900 Wea.

Ther. MONDAY 29 Wea.

Ther. TUESDAY 30 Wea.





Ther. WEDNESDAY, OCT. 31, 1900 Wea.

Ther. THURSDAY, NOV. 1 Wea.

Ther. FRIDAY 2 Wea.

Ther. SATURDAY, NOV. 3, 1900 Wea.

Ther. SUNDAY 4 Wea.

Ther. MONDAY 5 Wea.





Ther. TUESDAY, NOV. 6, 1900 Wea.

Ther. WEDNESDAY 7 Wea.

Ther. THURSDAY 8 Wea.

Ther. FRIDAY, NOV. 9, 1900 Wea.

Ther. SATURDAY 10 Wea.

Ther. SUNDAY 11 Wea.



Ther. MONDAY, NOV. 12, 1900 Wea.

Ther. TUESDAY 13 Wea.

Ther. WEDNESDAY 14 Wea.

Ther. THURSDAY, NOV. 15, 1900 Wea.

Ther. FRIDAY 16 Wea.

Ther. SATURDAY 17 Wea.



Ther. SUNDAY, NOV. 18, 1900 Wea.

Ther. MONDAY 19 Wea.

Ther. TUESDAY 20 Wea.

Ther. WEDNESDAY, NOV. 21, 1900 Wea.

Ther. THURSDAY 22 Wea.

Ther. FRIDAY 23 Wea.



Ther. SATURDAY, NOV. 24, 1900 Wea.

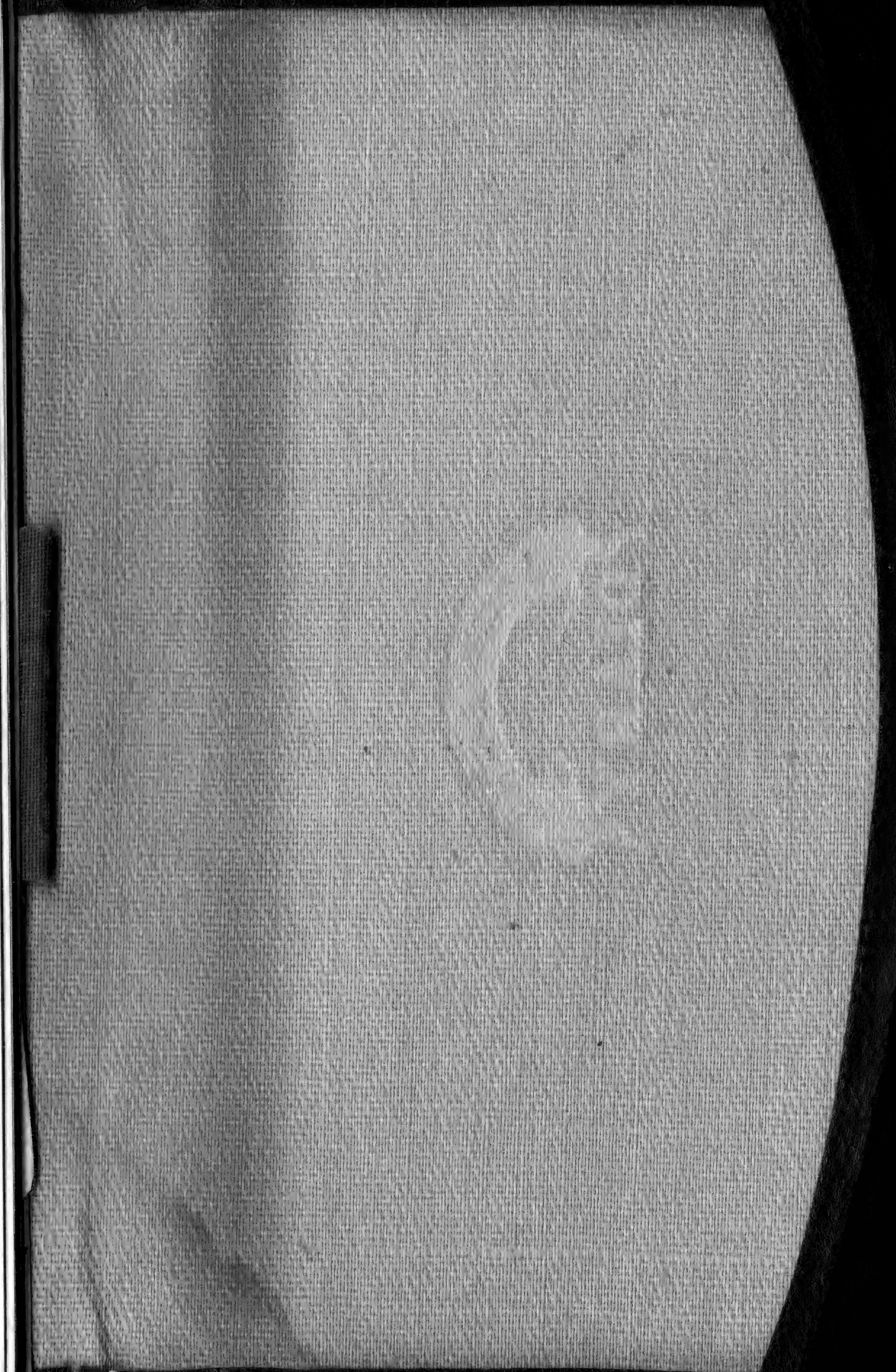
Ther. SUNDAY 25 Wea.

Ther. MONDAY 26 Wea.

Ther. TUESDAY, NOV. 27, 1900 Wea.

Ther. WEDNESDAY 28 Wea.

Ther. THURSDAY 29 Wea.





Ther.

FRIDAY, NOV. 30, 1900

Wea.

Ther.

SATURDAY, DEC. 1

Wea.

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SUNDAY 2

Wea.

Ther.

MONDAY, DEC. 3, 1900

Wea.

Ther.

TUESDAY 4

Wea.

Ther.

WEDNESDAY 5

Wea.



Ther. THURSDAY, DEC. 6, 1900 Wea.

Ther. FRIDAY 7 Wea.

Ther. SATURDAY 8 Wea.

Ther. SUNDAY, DEC. 9, 1900 Wea.

Ther. MONDAY 10 Wea.

Ther. TUESDAY 11 Wea.



Ther. WEDNESDAY, DEC. 12, 1900 Wea.

Ther. THURSDAY 13 Wea.

Ther. FRIDAY 14 Wea.

Ther. SATURDAY, DEC. 15, 1900 Wea.

Ther. SUNDAY 16 Wea.

Ther. MONDAY 17 Wea.



Ther.

TUESDAY, DEC. 18, 1900

Wea.

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WEDNESDAY 19

Wea.

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THURSDAY 20

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FRIDAY, DEC. 21, 1900

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SATURDAY 22

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SUNDAY 23

Wea.



Ther. MONDAY, DEC. 24, 1900 Wea.

Ther. TUESDAY 25 Wea.

Ther. WEDNESDAY 26 Wea.

Ther. THURSDAY, DEC. 27, 1900 Wea.

Ther. FRIDAY 28 Wea.

Ther. SATURDAY 29 Wea.





Ther.

SUNDAY, DEC. 30, 1900

Wea.

MEMORANDA

Botanical: Look for & collect (photo. &)

1) various species of Erythrina (comp. red flowers and big red seeds).

2) Species of Hapalyce (legum. with 2 tipped calyx and underside of leaves yellow glands).

3) Umbelliferae in fruit. [and possibly fruit]

4) Thorny Acacias always in flower &

Red Ant. etc.

~~50 - C. 295593~~ ~~50 - C. 274591~~

~~50 - C. 348901~~ ~~50 - C. 348501~~

~~50 - C. 75846~~ ~~50 - C. 207682~~

~~50 - C. 406700~~ Each Feb 7

~~50 - C. 413634~~

~~50 - C. 405270~~

10 red Ant.

Acacia pumila soap

Acacia pumila

Ther.

MONDAY 31

Wea.



## MEMORANDA

1 light orange suit  
 1 pair pajamas  
 4 white shirt  
 4 pair white shorts & 1 pair  
 4 pair trousers  
 4 overalls black  
 1 rain coat with hood  
 1 pair white pants  
 1 white overcoat  
 6 handkerchiefs

Freezing cloth.

Butch Arnold

Chowka.

Сасно

Matches

5/21/1961

Baron

Refers

## MEMORANDA

McPherson  
6739, 6738, 6737, 6736,  
6735, 6734, 6733, 6732  
6731, 6730, 6729, 6728  
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Reo grande

Managers - General

El con. con. atama =  
Cueva de Fari - Pueblo Mayo.

Cacao	Rosine
Matches	
Candles	
Wet Coal	

Viage a la isla de Puerto-Rico/  
en el año 1797/ Ejecutado por una  
comision / de sabios Franceses, / de orden  
de ~~el~~ su gobierno / y bajo la direccion  
del capitan / N. Baudin, / con objeto de  
hacer / indagaciones y colecciones / relati-  
vas a la Historia Natural; / . . . . .



## MEMORANDA

Traducido al Castellano / por D.  
Julio L. de Viscarrondo. - Puerto-  
Rico. - Imprenta Militar de J.  
Gonzalez. - 1863. -

Tajaron-Viguer San Juan, Mich. Fri. 9am

Vicques-Culebra San Juan, Mich. 9am

Return leave San Juan-Tajaron } 4  
Tuesday, Thursday & Saturday } 12

Return leave Culebra Friday 9am

Over at San Juan  
Florida, over the river

## MEMORANDA

San Juan, Mich. 14

6 collars  
5 collars  
1 collar shirt  
1 under shirt  
1 shirt  
1 sock.

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"I have learned to face  
my own ignorance, and  
to hold opinions on all such  
matters provisionally."  
J. F. Campbell, My Circular  
Notes (1876), p. 323.

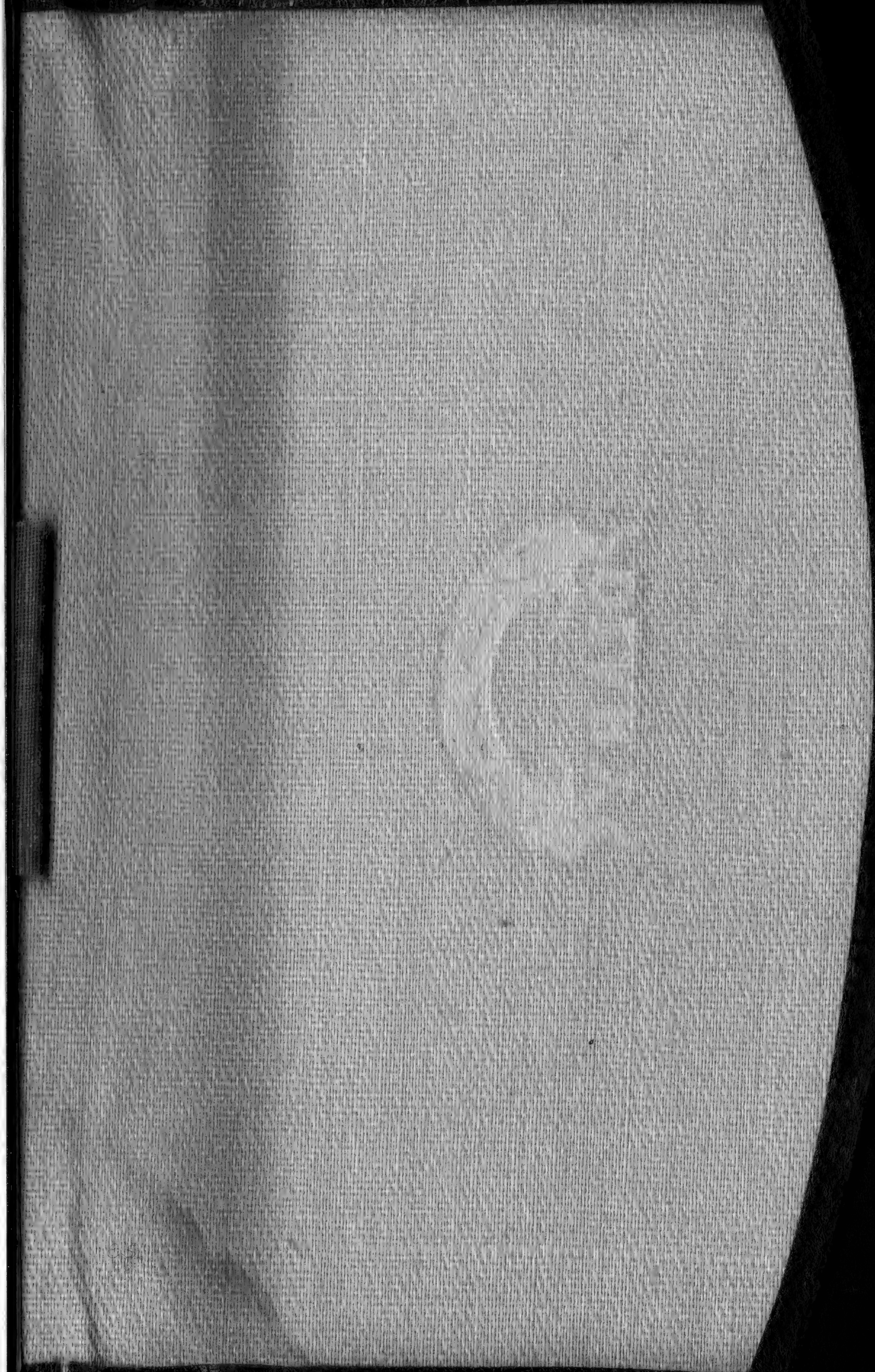
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Frauenmund  
Fassesmund  
Madel den Kränksten  
mann ground!



MEMORANDA

MEMORANDA





CASH ACCOUNT. JANUARY.

CASH ACCOUNT. JANUARY.

Date	Received.	Paid
Jan 25	Premium on bond \$48	10 00 ✓
Feb	Premium Stamp on " \$48	0 50 ✓
3	R.R. Ticket	10 00 00
13	Dr. C.H. Redwood	40 00 ✓
5	Dinner P.O. Co. L.S.	1 35 ✓
	Carbott L.S. out of day	
	10 95; money order - paid	11 12 ✓
	Supper at H. L.S.	0 45 ✓
	Afternoon ride L.S.	0 15 ✓
	Handl. baggage (14)	0 25 ✓
6	Switzerland L.S.	0 35 ✓
	Switzerland L.S.	1 10 ✓
	Lunch L.S.	0 75 ✓
	Patience L.S.	5 00 ✓
	Voyl & Simon L.S. L.S.	29 50 ✓
	8 roll film 4 exp. L.S.	4 80 ✓
	Amuse L.S.	0 50 ✓
	Riparian L.S.	0 90 ✓
	Sanit L.S.	0 45 ✓
	Break fast L.S.	0 10 ✓
	Chocolate L.S.	0 50 ✓
7	Handl. baggage (14)	0 50 ✓
	Hotel L.S. L.S.	4 00 ✓
	Trav. & Trans. (14)	1 90 ✓
		11 24



## CASH ACCOUNT. FEBRUARY

Date.		Received.	Paid.
Feb 7	Breakfast etc	0 70	
11	Swiss cheese		
	Macaroni 3 days	5 00	
12	Salmon & milk for 4	1 00	
	Salted meat etc	1 00	
	Ham & eggs		
	4 1/2 lb milk (R&S)	1 20	
	Swiss cheese (R&S)	5 00	
	Swiss cheese (R&S)	8 00	
12	Catanga	0 40	
13	2 boat to Catanga	0 30	
	Swiss cheese & milk etc	0 50	
14	Sailboat to Cueva di Fari	2 00	
	Swiss cheese etc	0 50	
	Swiss cheese	0 42	
	Swiss cheese etc	0 50	
16	2 room trip - Dayan	0 60	
	Swiss cheese	10 00	10 00
	Swiss cheese	0 50	
17	Sailboat to Cueva	3 00	
	1 pair pants etc	1 50	
	Swiss cheese	0 50	
18	Swiss cheese	0 50	

## CASH ACCOUNT. FEBRUARY.

Date.		Received.	Paid.
12	Habit 1/2 7 days 2 pers R&S		36 12 v
	1 camp. hat etc		1 25 v
	2 necktie etc		0 50 v
	S.S.		
20	habit 1/2 1 day, 2 pers R&S		4 20 v
	Swiss cheese, 1/2 day (R&S)		66 v
	1 pair trousers, 2 pers R&S		1 25 v
	1 pair coat, 2 pers R&S		1 8 v
	Swiss cheese: 1/2 day, 2 pers R&S		4 1 v
	Swiss cheese: 1/2 day, 2 pers R&S		0 7 v
	Swiss cheese: 1/2 day, 2 pers R&S		60 v
	Swiss cheese: 1/2 day, 2 pers R&S		60 v
	Swiss cheese: 1/2 day, 2 pers R&S		2 7 v
	Swiss cheese: 1/2 day, 2 pers R&S		60 v
	Swiss cheese: 1/2 day, 2 pers R&S		4 8 v
	Swiss cheese: 1/2 day, 2 pers R&S		0 23 v
	Swiss cheese: 1/2 day, 2 pers R&S		2 40 v
	Swiss cheese: 1/2 day, 2 pers R&S		12 00 v
	Swiss cheese: 1/2 day, 2 pers R&S		1 00 v
	Swiss cheese: 1/2 day, 2 pers R&S		1 92 v
	Swiss cheese: 1/2 day, 2 pers R&S		3 00 v
	Swiss cheese: 1/2 day, 2 pers R&S		



## CASH ACCOUNT. MARCH.

Date.		Received.	Paid.
Mar 3	Liquorillo, Federico 4 per Rds		2 40
	groceries 1.90	RS	1 14
	eggs 8.20	RS	0 12
	17 hats a 5 cent 85		0 51
	3 " " 15		0 09
	3 " " 15		0 09
Mar 4	perito 1.00		0 40
	7 " 15		0 09
	18 Schindler 90		0 54
	5 " 10		0 06
	7 " 30		0 18
	2 hats a 5 10		0 10
	2 hats a 5 10		0 10
	5 " 25		0 15
	arroz 1.00	RS	0 11
	" 30		0 08
	" 30		0 08
	" 10		0 05
	1.20	RS	0 11
	Federico 1.00	RS	0 60
	Donkey milk 1 gal 6.40	RS	3 84
	Chickens 15.00		9 00
	Mail Washington 5.40		2 40
	S. J. West, all coffee 1.25		1 25
	antifila <sup>que son</sup> 75		0 45
			12 26

CASH ACCOUNT. MARCH.

Date.		Received.	Paid.
7	53 fly, can. 45	2	0.27 ✓
	lake bill 8		4.80 ✓
	Antony, 1		0.26 ✓
	5 24 5		2.30 ✓
	andles 18 3		0.18 ✓
	11.10.10 18 3		0.18 ✓
	Vin. Mary, 18. 25		1.68 ✓
	10.10.10 25		0.45 ✓
	10.10.10 25		0.56 ✓
	10.10.10 25		0.57 ✓
8	Super. 10.10.10		0.27 ✓
	10.10.10		0.18 ✓
	10.10.10		1.50 ✓
	10.10.10		0.42 ✓
	10.10.10		0.45 ✓
8	R. 10.10.10		0.09 ✓
	10.10.10		0.01 ✓
	10.10.10		0.15 ✓
	10.10.10		0.21 ✓
	10.10.10		0.60 ✓
	10.10.10		2.19 ✓



# CASH ACCOUNT. APRIL.

Date.	Received.	Paid.
Mar 5-8	1 09	
Sept 5	13	003 v
10 Nov 20	13	022 v
Nov 25	15	015 v
Dec 18	11	018 v
	1.30	
Richmond 1st cash	50	
	15.00	
Mar 8		24 v
Mar 10		004 v
Mar 12		013 v
Mar 14		001 v
Mar 16		130 v
Mar 18		24 v
Mar 20		105 v
Mar 22		22 v
Mar 24		456 v
Mar 26		000 v
Mar 28		010 v

# CASH ACCOUNT. APRIL.

Date.	Received.	Paid.
Mar 5-8		071 v
Mar 10		021 v
Mar 12		020 v
Mar 14		050 v
Mar 16		012 v
Mar 18		780 v
Mar 20		030 v
Mar 22		045 v
Mar 24		600 v
Mar 26		030 v
Mar 28		012 v
Mar 30		048 v
Mar 31		240 v
Apr 1		1000 v
Apr 2		060 v
Apr 3		066 v
Apr 4		170 v



## CASH ACCOUNT. MAY. 27-1866

[illegible]

## CASH ACCOUNT. MAY. 1859.

Date.	Received.	Paid.
29	Star, 10th Dec. 1880	10 68
	San Francisco: 10th Dec.	
	2 papers for outfit 1 80	0 96
31	Wohl 10th Dec. 1880	
	29-31. 2 pr. RNS. 13.50	8 10
	Supplies of outfit from	
	Wohl 10th Dec. 1880	
	Wohl	5 60
	2 T. T. tickets (plan 5)	
	4.26 4.26 5.26 5.26	3 44
	Travelers' 10th Dec. 1880	5 11
	8.52	
	overweight of outfit	
	2 tickets 0 52	0 31
	Arriba, 10th Dec. 1880	
	outfit RNS 1 30	0 78
	1st wing RNS. 4c	0 24
	Arriba 10th Dec. 1880	
	mounts 6 papers	
	Arriba	0 42
	3 10th Dec. 1880	0 30
	4 " " " " 50	0 20
	5 " " " " 20 1.00	0 60
	Arriba 10th Dec. 1880	10 11
		17 00







CASH ACCOUNT. JULY.

CASH ACCOUNT. JULY.

Date.		Received.	Paid.
17	S. J. ...	LS	1 50
"	"	"	2 00
"	1 book of half tone prints	"	1 00
"	2 photos	"	0 50
20	Hotel bill L.S. 6.15 L.	3.4	3 60
"	" Restaurant 580 R	"	3 48
"	handl. baggage hotel	"	
"	to hotel 1.40	"	3 24
22	Santiago Cuba, boat	"	
"	from ship to hotel per (R)	"	0 40
23	" postage	LS	0 35
"	" 3.00 winter	"	0 35
24	" 1 water jug	"	0 50
"	" telegram to M	"	2 40
"	" boat hire 2 per	"	
"	to and from S.S. (R & S)	"	1 40
27	" Cook, Ch. Richmond cash	R	20 00
29	" 1.50 performance L.S.	"	9 65
"	" " CWR	"	9 15
30	" My Ch. Richmond cash	"	10 00
"	" for saloon dinner	LS	1 00
"	" drink	"	1 00
"	" RR ticket N.Y. - Wash	"	6 50
"	" baggage transfers	"	0 50

Date.		Received.	Paid.
17	R.R. parlor car		
"	by - Wash 3.00 (L.S.)		1 25
"	" - Mary	LS	1 25
"	" - Duke dinner	"	2 50
"	" N.Y. - Wash	"	2 00
"	" car fare etc	"	0 25



## CASH ACCOUNT. AUGUST

[illegible]

CASH ACCOUNT. AUGUST

[illegible]



CASH ACCOUNT.      SEPTEMBER.

[illegible]

CASH ACCOUNT.      SEPTEMBER.

Date		Received.	Paid



CASH ACCOUNT.      OCTOBER.

Date.		Received.	Paid.

CASH ACCOUNT.      OCTOBER.

Date.	Received.	Paid.



CASH ACCOUNT. NOVEMBER.

[illegible]

CASH ACCOUNT. NOVEMBER.

Date.	Received.	Paid.



CASH ACCOUNT.      DECEMBER.

Date.		Received.	Paid.

CASH ACCOUNT.      DECEMBER.

[illegible]



### SUMMARY OF CASH ACCOUNT.

		Received.		Paid.	
JAN.					
FEB.					
MAR.					
APR.					
MAY.					
JUNE					
JULY.					
AUG.					
SEPT.					
OCT.					
NOV.					
DEC.					

## BILLS PAYABLE. JANUARY.

Date.	NAME.	Dollars.	Cts.
<div>RECEIVABLE.</div>			



BILLS PAYABLE. FEBRUARY.

Date.	NAME.	Dollars.	Cts.
RECEIVABLE.			

BILLS PAYABLE. MARCH.

Date.	NAME.	Dollars.	Cts.
RECEIVABLE.			







BILLS PAYABLE. JUNE.

Date.	NAME.	Dollars.	Cts.

BILLS PAYABLE. JULY.

Date.	NAME.	Dollars. Cts.	
RECEIVABLE.			







## BILLS PAYABLE. OCTOBER.

Date.	NAME.	Dollars.	Cts.
RECEIVABLE.			

## BILLS PAYABLE. NOVEMBER.

Date.	NAME.	Dollars.	Cts.
	RECEIVABLE.		



## BILLS PAYABLE.      DECEMBER.

Date.	NAME.	Dollars.	Cts.
Ind 36	3 collars		
	2 shirts		
	2 undershirts		
	1 sweater		
	1 handkerchief		

## RECEIVABLE.

[illegible]

## MEMORANDA.

Date.	Time.	Location.	Bar.	Therm.
Feb 21	3 <sup>30</sup> am	Manuvas 9 <sup>30</sup> am	30.12	79.0
	12 noon	Florida River 12 noon	29.57	80.0
	5 <sup>15</sup> pm	5 <sup>15</sup> pm		
	8 <sup>15</sup> pm	8 <sup>15</sup> pm		
	11 <sup>15</sup> pm	11 <sup>15</sup> pm		
	1 <sup>15</sup> am	1 <sup>15</sup> am		
	4 <sup>15</sup> am	4 <sup>15</sup> am		
	7 <sup>15</sup> am	7 <sup>15</sup> am		
	10 <sup>15</sup> am	10 <sup>15</sup> am		
	1 <sup>15</sup> pm	1 <sup>15</sup> pm		
	4 <sup>15</sup> pm	4 <sup>15</sup> pm		
	7 <sup>15</sup> pm	7 <sup>15</sup> pm		
22	8 am	8 am	29.09	1690
	12 noon	12 noon	29.13	1650
	5 pm	5 pm	29.13	1650
	8 am	8 am	29.09	1690
	12 noon	12 noon	29.13	1650
	5 pm	5 pm	29.12	1660
	7 <sup>15</sup> pm	7 <sup>15</sup> pm	29.12	1655
	8 <sup>15</sup> pm	8 <sup>15</sup> pm	29.40	2050
	9 am	9 am	27.35	2900
	10 <sup>15</sup> am	10 <sup>15</sup> am	27.42	3325
	11 am	11 am	27.12	3625
	12 noon	12 noon	27.10	3650
	4 pm	4 pm	27.05	3700



## MEMORANDA.

## ADDRESSES.

Date.		Time.	Dollars.	Cts.
Feb 25	Camp El Guay	8 am 67°	27.62	27.20
	<u>2863</u>	12 m 72°	27.55	27.50
26	"	8 am 68°	27.50	27.50
	"	4 pm 67°	27.50	27.50
27	"	8 am 65°	27.50	27.50
	"	12 m 70°	27.12	36.25
	"	4 pm 67°	27.17	36.75
28	"	8 am 66°	27.11	36.40
	"	9:40 am 68°	27.12	36.25
	<u>3350</u> Top El Y.	10 am 73°	26.63	41.00
	Camp 4	10:45 am 67°	27.12	36.25
	"	11 am		
	arr. Catalina	1:30 pm		
	Catalina Hotel	3 pm 74°	29.12	1.00
Feb 1	<u>886</u>	8 am 74°	29.12	1.00
	"	12 noon 78°	29.12	1.00
2	"	6 am 75°	29.12	1.00
	"	12 noon 76°	29.12	1.00
3	"	8 am 74°	29.11	1.00
	San Juan	6 pm 81°	30.12	1.00
6	Hotel El Comodoro			
	arrived again shortly with mailbag.			
	Arrived returned to San Juan & reception			

NAME.	Juan L. Acosta
STREET, No.	San Juan, P.R.
CITY.	San Juan, P.R.
NAME.	Don. S. Hernandez Rivera, student
STREET, No.	Mamenes, P.R.
CITY.	
NAME.	Demingo Fernandez
STREET, No.	Scholarship, San Juan, P.R.
CITY.	Cajon de Indio
NAME.	Don. S. Hernandez Rivera
STREET, No.	Mamenes
CITY.	San Juan
NAME.	Mrs. Hamea Aus
STREET, No.	129 East 26 St.
CITY.	New York.
NAME.	Army Building, Top floor, Transport Service
STREET, No.	39 Whitehall Street
CITY.	New York
NAME.	Enrique L. Brascoschia
STREET, No.	US Telegraph operator
CITY.	Aguadilla, P.R.
NAME.	Noverto Favon
STREET, No.	contratador de la
CITY.	Transportacion a la Mona.



## ADDRESSES.

Dr  
NAME. *Luis Alfonso de Gonzague*

STREET, No.

CITY. *Lares, P.R.*NAME. *Chas. H. Mead*STREET, No. *Tropical House*CITY. *Ponce, P.R.*

NAME.

STREET, No.

CITY.

NAME.

STREET, No.

CITY.

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STREET, No.

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## ADDRESSES.

NAME.

STREET, No.

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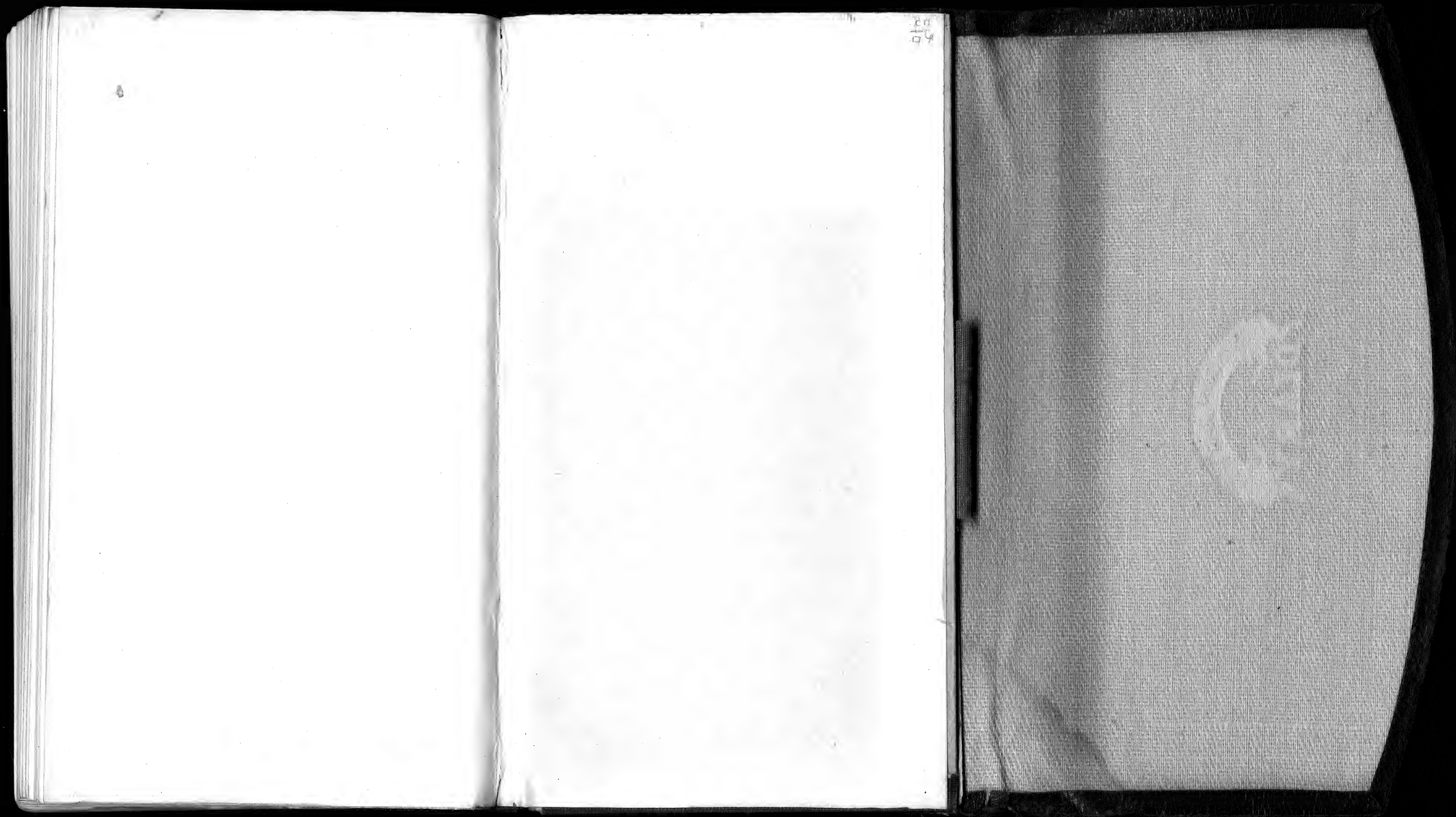
CITY.

NAME.

STREET, No.

CITY.







Mr L. Stejneger

Dear Sir: Before leaving for St. John. I write to you this few lines in order you may know what I have paid to the men working on the "Tungue trip."

To the old man	I paid -	\$ 1.00
" " " "	that opened the pass	<u>0.75</u>
		\$ 1.75

Now I made the arrangement with my men for $8\frac{1}{2}$ ¢ the ascent and $75\frac{1}{2}$ ¢ the descent. each.	<u>1.62 ½</u>
	11.34

Dis-counting	<u>11.34</u>	for my men
and	<u>1.75</u>	that I paid you -
<u>have to pay only to the old man</u>	\$ 6.81	
	<u>4.086</u>	

Please give the 13.09 to Mr. Arcadio in order that he pays my men

Yours &c. Stejneger



What is the height of the peak? What was  
 the temperature on the night? on morning?  
 Could you see the coast line to Hecibo.

My address on St. John is  
 23 Fortalesa St, corner La Cruz -  
 I'll be glad to see you there -  
 J. Agostini

21.0  
 22.1

13.09  
 14.6  
 11.62  
 1.47

11.34  
 1.46  
 9.96  
 1.38

4.98  
 1.00  
 7.46.81  
 1.75  
 1.66

62

28

9  
 4.09  
 3.06  
 1.09  
 1.66  
 1.66  
 1.826



Mr. Warren H. Manning.

1146 Tremont Bldg

Brookline  
Mass

Boston  
Mass



Benjamin Delvalle,  
Superintendent

Orphan Asylum of Puerto Rico  
Boys' Department.

San Juan.



Mr. Robert L. Fungmanns,

Bayamon Poughkeepsie, N.Y. U.S.A.



Prof Stearns

William A. Glassford

U.S. Army.



Frederick E. Müller.

Consul for Argentine Republic.

Baltimore, Md.



Trinidad Ferrer de Gandía.

*Vicida*

---



Fred. Finckenhagen,

Baltimore, Md. U.S.A.



Registered

Letter {  
Parcel }

No.

2842

Post Office,

San Juan, P.R.

This space is reserved on counter-  
part for particulars connected with  
dispatch of registered piece.

Received

L. S. Meyer

189

, from

addressed

M. S. Meyer

a { Let.  
Par.

Oakland, Cal.

W. K. LANDIS,

Acting Postmaster

, P. M., per

LA



Registered Letter  
~~Parcel~~

No. 2846

Post Office, San Juan, Porto Rico

This space is reserved on counter-  
part for particulars connected with  
dispatch of registered piece.

Received

L. A. Tenger

189

, from

addressed

J. A. Casford

~~a~~ { Let.  
Par.

Washington, D. C.

, P. M., per

LA



**MEYERS, JUNGHANNS & CO.,**

**SAN JUAN, PORTO RICO.**

**BROKERS AND REAL ESTATE.**

**PURCHASE AND SALE OF PROPERTY. TITLES EXAMINED.**

**MORTGAGES PLACED.**



Ricardo Barvaier  
Rivera

---

Manager P. R.



Henry L. Briscoe

U.S. telegraph operator

Aguaadilla P.R.



